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THESIS

THE SUBSPECIALTY MANAGEMENT SYSTEM AS IT RELATES TO THE COMMUNICATIONS SUBSPECIALIST SURFACE WARFARE OFFICER

by

Grayson L. Koogle

March 1983

Thesis Advisor:

Carl Jones

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

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The Subspecialty Management System as it Relates to the Communications Subspecialist Surface Warfare Officer

by

Grayson L. Koogle Lieutenant, United States Navy B.S., Virginia Polytechnic Institute, 1975

Submitted in partial fulfillment of the requirements for the degree of

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I. INTRODUCTION

In 1972, the Unrestricted Line (URL) Officer Professional Development System known as OTMS (or formally the Operational Technical Managerial System) was set into operation, recognizing the need to strike a balance between the operational and subspecialty development of officers. the URL Guidebook (1982) states "OTMS recognizes continued operational development in your designator specialty as the cornerstone of URL career development and, at the same time, in order to meet the total Navy requirements, encourages concentrated development in a secondary field." [Ref. 1: p. 6] Thus, the basis for the current subspecialty management system started. At the same time OTMS began, the CNO Industry Advisory Committee on Telecommunications submitted its final report to the CNO stating that the average naval communicator was not fully prepared by education or experience for major communications assignments in the Navy or in Joint or Allied tours. One of the committee's recommendations was that "the CNO develop a select group of professional, full-time, well-educated and trained communicators, capable of directing and managing all aspects of a modern telecommunications system." p. 10] The report also stated that continuation of the unrestricted line subspecialist would not achieve the



desired results unless significant changes in the career pattern and promotion opportunities were made. The Navy did not develop a restricted line community of communicators as a result of this report. Eight years later, however, the question was still being asked: What is the career pattern for communications subspecialists?

In February 1980, the Naval Inspector General submitted the final report on the command inspection of Headquarters, Naval Telecommunications Command (NAVTELCOM). One of the findings of that inspection was that there was no current effective program within NAVTELCOM to develop telecommunications career paths for officer communications subspecialists. Part of Recommendation 5-80 of that report was that COMNAVTELCOM in collaboration with appropriate warfare sponsors, other offices and commands initiate a program aimed at developing military officer career paths. [Ref. 3]

The purpose of this thesis is not to argue the pros and cons of developing a career path for subspecialists or to attempt to justify the formation of a new restricted line community for communicators. The subspecialty management system and how it interfaces with the Surface Warfare (1110) communications subspecialist is the thrust of this research. In particular, the research objectives are:

- (1) To identify the written policies and instructions that effect the communications subspecialist.
- (2) To identify written guidance available for career planning.



- (3) To outline the subspecialty management system as to the processes involved in billet coding and structure, utilization of subspecialists and designation as a subspecialist.
- (4) To analyze the records of Surface Warfare communications subspecialists for trends as operational vs. utilization tours, promotion flow points, subspecialist designation and career milestones.

In a seminar at the Naval Postgraduate School on 3
March 1983, VADM Gordon Nagler, Director of Command and
Control (OP-094) and the primary sponsor for the communications subspecialty in the command and control field,
stated his views and policies on officer professional
development. Emphasizing performance and promotability,
VADM Nagler stated that the Navy wants the "cream of the
crop" as subspecialists and that it therefore should be
tough to become a proven subspecialist. Non-performers
should not be promoted and not selected as subspecialists.

These views place more emphasis on the fact that the Surface Warfare Officer must understand the system and the effects of such factors as tour rotations and types of billets on promotion and subspecialist designation, so that adjustments can be made to realize one's career expectations. The selection board statistics show that high promotion opportunity awaits officers who are outstanding performers in their warfare designator and as a proven subspecialist. Proven subspecialists are "that base of



top performing individuals who may ultimately fill the most demanding subspecialty billets in the Navy." [Ref. 1: p. 7]

II. WRITTEN POLICIES AND INSTRUCTIONS

"The career planning of every naval officer is based upon two main ingredients: becoming an expert in his warfare specialty and developing a subspecialty in an operational, technical, or managerial area of the Navy. [Ref. 4] Such is the emphasis in today's Navy, operational development in the warfare designation as the basis for unrestricted line (URL) officer career development and, at the same time, in order to meet the total Navy requirements, encouragement toward concentrated development in a secondary field. that the subspecialty is exactly that: a secondary field of endeavor for the line officer. This is a major point with regard to the management and utilization of communications line officer subspecialists. As the written guidance concerning subspecialty management and utilization is reviewed, it is necessary to keep in mind the required seashore rotation pattern (dual development path) that is followed by Surface Warfare (1110) Officers. Qualification, proficiency, and experience in the surface warfare specialty is an absolute requisite for the officer in order to capitalize on his professional and promotional potential. The operational needs of the Navy and in some cases, of the officer, could preempt or delay utilization tours in the applicable subspecialty area. It is up to the individual



officer to plan his or her career in such a way as to realize the full potential. As ADM Arleigh A. Burke, USN (Ret), stated: "There is a limit to what BUPERS or anybody other than the individual officer can do in career planning."

[Ref. 5: p. I-D-27] ADM George Anderson, USN (Ret), gave additional emphasis when he wrote in 1974 that "the individual must assume the fundamental responsibility for his own career planning which has a bearing on his education, training, and assignments of duty." [Ref. 5: p. I-D-26]

With that in mind, the 1110 officer should know where to find guidance concerning a desired subspecialty in order to plan for his/her future and promotional opportunity.

"Statistics reveal that officers who are both outstanding performers in their designator specialty and a proven subspecialist enjoy an extremely high promotion opportunity."

[Ref. 1: p. 7] This chapter deals with the written policies and/or guidance available for the subspecialist (particularly the communications subspecialist).

A. UNRESTRICTED LINE OFFICER CAREER PLANNING GUIDEBOOK (1982)

The URL Guidebook provides basic career planning information and guidance for the officer. It is not intended to be the answer to all questions and situations. It is as the name suggests, a guidebook which illustrates the current trends and patterns to aid the officer in professional development and career planning. With regard to subspecialty



development, the guidebook refers to the Navy's funded graduate education program as "the primary method of acquiring a subspecialty based on graduate education" and notes that "off campus" non-funded graduate work can also lead to subspecialty coding. The recommendation is that the officer contact the Professional Development Education and Subspecialty Management Branch (NMPC-440) for further detailed guidance. NMPC-440's role is subspecialty management and utilization. That role will be discussed later along with the subspecialty coding process as it relates to the communications subspecialty.

The URL Guidebook points out to line officers the purpose of the subspecialty selection board (SSB) which was instituted to identify officers as proven subspecialists who have developed into superior performers in a subspecialty.

"On the basis of recent subspecialty assignment and good overall career performance, particularly with regard to leadership potential, URL officers are designated proven subspecialists—that base of top performing individuals who may ultimately fill the most demanding subspecialist billets in the Navy."

[Ref. 1: p. 7]

Emphasis has been added by this author on a particular phrase relating to career performance as words to that effect appear later in written documentation concerning the Subspecialty Selection Board (SSB). Overall career performance is cited as one of the key factors in the subspecialty selection board deliberations. The guidebook also adds a note of caution.



"It is important to understand that, for the URL officer, development in a subspecialty is not a generally available alternative to operational development. There will be very few URL officers who will pursue development in their subspecialty exclusively after gaining a degree of operational expertise at less than the command level in their designator specialty. These officers are the exception to the rule. They must have superior performance records overall and have qualifications which are needed in repetitive shore tours." [Ref. 1: p. 7]

The point is that warfare specialty development should be the driving factor in the unrestricted line officers career. This factor will be taken into consideration in the analysis of data in Chapter IV.

The Surface Warfare Officer professional development path as stated in the Unrestricted Line Officer Guidebook is provided as Figure 2.1. As the diagram shows, there are two time frames for entry into the funded (Naval Postgraduate School) graduate degree program. The first occurs 3 to 3½ years after commissioning, completion of the first sea tour, and more importantly, qualification as a Surface Warfare Officer. The second opportunity occurs at the 9 to 10 year point of commissioned service following the department head split tours and typically prior to next sea assignment in a Lieutenant Commander (LCDR) Executive Officer tour.

This diagram is the typical Surface Warfare pattern.

It is by no means the absolute or ideal path to a successful career, however, as the Guidebook notes "the successful



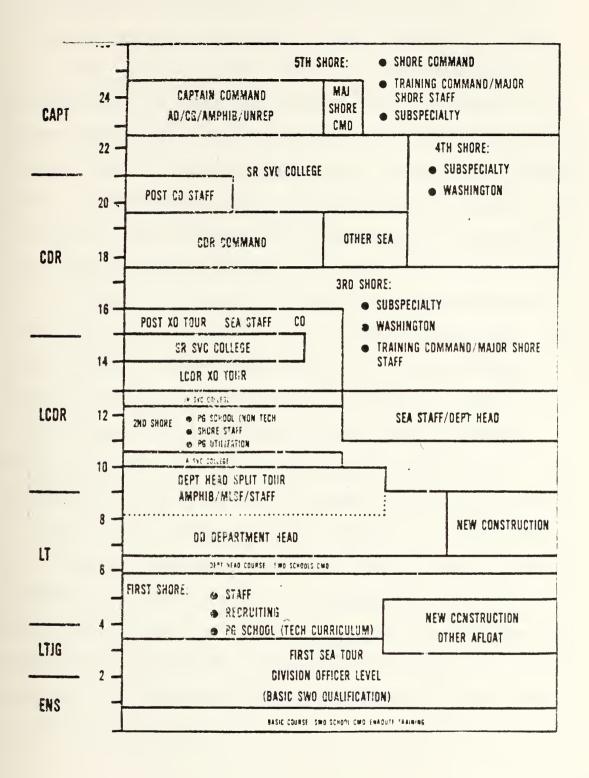


Figure 2.1 Surface Warfare Officer Career Pattern



Surface Warfare Officer will meet most of these career milestones in about the same sequence indicated." [Ref. p. 23] If that is the case, then the typical Surface Warfare (1110) Officer could expect two but not more than three utilization tours in his selected subspecialty (after graduate school) prior to the 20 year career mark (assuming that the postgraduate school tour is the first shore tour). Utilization tours however, can be preempted by operational tours required for promotion. As noted previously, promotion is keyed to operational expertise and performance as a Surface Warfare Officer. "Navy Policy requires that the Surface Officer become experienced in as many different facets of the operational force as possible." [Ref. 1: p. 27] Thus, operational staff tours (sea and shore), service colleges and certain Washington tours (other than utilization) could effectively preempt utilization tours in order for the officer to stay competitive in the Surface Warfare community. The bottom line is that the URL Guidebook is a basic guide for determining career milestones for the surface officer, including time frames for subspecialty development and subsequent utilization. Beyond that, it offers no detailed guidance for the Surface Warfare subspecialist.



DEPARTMENT OF DEFENSE DIRECTIVE 1322.10 (30 July 1974) B. This directive is entitled "Policies on Graduate Education for Military Officers." Within the Navy, this guidance has been implemented under OPNAVINST 1520.23. While this guidance is primarily concerned with establishing policies on graduate education in general, it does contain two requirements relating to subspecialty management in the Navy. The first is that "officers who have received Navy funded graduate education will serve one tour in a validated position for the acquired subspecialty as soon as possible after completing the education but in any case not later than the second tour." Exceptions or waivers must be approved by Commander, Naval Military Personnel Command. [Ref. 6] The other requirement is that the management of graduate educated officers be annually evaluated "to insure that optimal utilization and retention is realized." [Ref. 6] Within the Navy, both these requirements are the responsibility of the Professional Development Education and Subspecialty Management Branch (NMPC-440) which will be discussed later in detail. Suffice it to say at this point that continual evaluation of subspecialty utilization in the Navy has not been maintained up to this date, however, certain changes (to be noted later) have been made, effective 1 November 1982, which will make it possible to do future utilization studies on a continuous basis. Specific "one time" utilization studies have been



done on subspecialty communities overall. These studies have arisen for the most part with regard to questions concerning DOD Directive 1322.10 and the two requirements cited above. Case in point, in 1979, Congress expressed concern over the military services' utilization and management of graduate educated officers and directed the Department of Defense to respond. In March 1972, the Department of Defense submitted a report to the House Appropriations Committee. With regard to utilization of Navy line officers, the following two statements were extracted from the report.

"Since unrestricted line officers usually go directly from school to an operational assignment at sea in their Naval warfare specialty, the utilization rate for these officers should be examined over time. After 75 percent of the unrestricted line officers who obtained graduate degrees in 1971 have had utilization tours. Another 19 percent were assigned to operational or higher billets where the Navy believes that their education was beneficial to the Navy. Six percent have yet to be assigned to a validated billet." [Ref. 7]

"The Navy, as the result of an examination of the records of a random sample of fully funded graduate degree holders found that 86 percent of the 0-6's, 68 percent of the 0-5's, and 53 percent of the 0-4's had had at least two utilization tours." [Ref. 7]

In February 1981, the Department of Defense reported to the House Armed Services Committee again emphasizing the fact that unlike the Army, Air Force and Marine Corps, the utilization of graduate educated Navy line officers had to be examined over time because of the dual career path (seashore rotation). The report also stated that the Navy had



instituted management initiatives to improve the percentage of first utilization tours to where 72 percent of the class of 1976 had served a utilization tour within three years after graduation. [Ref. 8]

This same report also commented on personnel shortages in certain graduate areas including Communications Systems Technology in the Navy. Using computer modeling to determine the required inventory to satisfy the billet requirements, the report stated that the Navy needed 593 graduate educated officers [Ref. 8] in the inventory to satisfy billet requirements for 181 billets (billets requiring graduate education in communications). The model used included factors such as sea-shore rotation, retention, attrition existing inventory, paygrades, and the existing billet structure. As of this report in February 1981, the Navy cited a shortage of 293 graduate educated officers in communications technology (XX81/XX82). The report stated that Navy inventory shortages in unrestricted line officers "required many officers to serve follow-on tours in higher priority operational billets, thus delaying their utilization of graduate education." This of course underlined the fact that while the Navy as well as the other services has a commitment to graduate education, the obvious first priority for assets was and still is the operating forces and their mission.



Another way of analyzing DOD Directive 1322.10 requirements for utilization tours is to look at the issue of degree half life. Degree half life is used by educators to measure degree obsolescence. Half life is the time it takes after completion of the degree for the graduate to become one half as technically current as he was on the date of graduation (presuming that the graduate takes no new courses to keep current). For example, the half life of an engineering degree in 1971 was five years. Today, three years is generally accepted as the half life of an engineering degree but the half life of degrees such as computer and communications systems is shorter than that due to the recent rapid changing technological trends. [Ref. 9] One can immediately see the question being raised: Why send the Navy officer to graduate school in accordance with given requirements when his degree half life is exceeded prior to the initial utilization because of the sea-shore rotation? One could counter that the ability to maintain currency in a certain academic area depends on numerous factors such as the quality of basic education, the dynamics of technologies in the particular discipline, the type of work the officer does and his basic intelligence. 9) Of those factors, it is the quality of the education that will best enhance the officer's ability to grow in the applicable subspecialty and prepare him for new technological



trends. The educational discipline will also continue to provide him with initiative to maintain currency in the field.

C. CAREER FACT SHEETS FOR XX81 AND XX82

These career sheets are provided in Appendix A for re-In accordance with OPNAVINST 1000.16E, the Proview. fessional Development Education and Subspecialty Management Branch (NMPC-440) is tasked to "counsel officers on subspecialty careers" in addition to other responsibilities. These fact sheets are the basis for that counseling. They are drafted by the primary consultant (Director, Naval Communications Division, OP-941) and secondary consultants (OP-094, COMNAVSECGRU, COMNAVELEXSYSCOM, COMNAYTELCOM) and periodically reviewed for currency. As study will show, these sheets are not substantive. They consist basically of the graduate educational skill requirements and some sample billets and geographic locations. They have not been updated to include the new educational skill requirements (dated March 1982) provided as Appendix B for comparison. A stepping stone hierarchy is not identified to guide an officer in developing his expertise in his subspecialty. Educational and training opportunities other than graduate school related to communications are not identified. Certain competitive issues are not addressed, such as specific 0-4, 0-5, and 0-6 billets which cite



requirements for either of two different subspecialty codes. For example, there are three commanding officers billets currently listed as requiring either 5082Q (Communications Systems) or 5076Q (Space Systems Operations).

In the author's opinion, the fact sheets by themselves do not appear to be an adequate basis for career counseling especially when coupled with the fact that there are no communications subspecialists in NMPC-440 to serve as knowledgeable points of contact.

D. NAVAL MILITARY PERSONNEL COMMAND NOTICE 1401

The most recent Command and Control Subspecialty Selection Board reported out 15 October 1982 using this notice as the vehicle for announcing the selection of officers as proven subspecialists in the command and control subspecialities. This notice is one of the documents readily available to line officers which cites the basic criteria for selection as a proven subspecialist. As outlined in this most recent notice, the factors to be considered for selection as proven subspecialists are: [Ref. 10]

- (1) Superior performance, particularly in the subspecialty tour.
- (2) Relevant education or experience.
- (3) Recency of qualification tours.
- (4) Depth of subspecialty experience and leadership potential.
- (5) Evidence of technical/managerial expertise beyond levels routinely acquired during operational tours.



- (6) Relevant graduate education and one significant tour for designation as Q-coded proven subspecialist.
- (7) Minimum of two significant tours in the subspecialty for designation as R-coded proven subspecialists.

There are some terms which need further definition as in the case of "recency of tours" and "significant tours." Recency of tours is defined by NMPC 440 [Ref. 11] as being utilized in the subspecialty within the last five vears. The question of what constitutes a "significant tour" is quite another matter. According to NMPC-440 [Ref. 11] "significant tour" is defined by the subspecialty selection board members in their deliberations, using their combined overall experience as proven subspecialists themselves, to serve as a baseline for determining what constitutes a significant tour. As will be seen in the section concerning the Subspecialty Selection Board (SSB) later, the letter of instructions or precept to the board is not anymore explicit in selection guidelines than NAVMILPERSCOM Notice 1401. Discussion concerning the board's action in designating officers with codes other than proven subspecialists and assignment of the functional field of the subspecialty code are also discussed in the section on the SSB.

There is one function of the board that is not identified in this notice that should be highlighted. A misconception may exist among line officers that the designation



as a proven subspecialist is a somewhat permanent designation. In truth however, an officer's subspecialty code can be downgraded at any time by board action. Downgrading or de-selecting is a function of the Subspecialty Selection Board, however it is not specifically identified in any written documentation nor are the criteria for downgrading or de-selection. Further details are contained in the section discussing the Subspecialty Selection Board.

One additional note needs mentioning. This notice cites the name, rank, social security number, and warfare designator of the officers selected as proven subspecialists. Some insight could be gained by contacting these officers "who have been there" to determine the types of tours in communications, sea-shore rotation, etc. With the paucity of information concerning the communications subspecialty, this peer group constitutes a valuable source of information for the young Surface Warfare Officer.

E. BIENNIAL OFFICER BILLET SUMMARY (SENIOR/JUNIOR EDITIONS)

As indicated in the title, these two publications are promulgated to all commands every two years (with the latest editions dated 1 January 1982). The Junior Officers Edition includes the ranks of Warrant Officer through Lieutenant and the Senior Officer Edition encompasses the ranks of Lieutenant Commander through Captain. Their purpose, as provided in the cover letter [Ref. 12], is to



provide "a comprehensive display of the many types and broad range of challenging billets within the Navy" to be used in preparing a "more meaningful and useful Officer Preference Card" when used in conjunction with the Manual of Navy Officer Manpower and Personnel Classifications (NAVPERS 158392). The billet summaries are listed in five different formats or sections. The first section lists the billets requiring subspecialists, the second section is a summary of shore duty billets by designator, section three is a summary of sea duty billets by designator, section four is a summary of CONUS shore duty billets by geographic location, and section five is a summary of overseas shore duty billets by geographic location. The Junior Officer Edition has two additional sections covering sea duty billets by geographic area and a matrix showing LCDR and LT Officer afloat commands by homeport, ship type, and grade.

The billet summaries are not a listing of all billets in the Navy within the specified rank structure nor are they intended to be. Only one section makes that claim.

The instructions for Part 1 (listing of subspecialty billets) state in both editions that "this part lists all billets which require subspecialists." It is also the only section which cites subspecialty codes along with the billets.

The other sections (parts) cite only designator code and Navy Officer Billet Classification Codes (NOBC). In fact, the listings include only P and S coded billets in the



Junior Officer edition and only P coded billets in the Senior Officer edition. As to Communications subspecialists, the listing for these suffixes is fairly accurate after one year as illustrated in Table I.

TABLE I

Number of Communication Subspecialty Billets Listed in Senior Officer Billet Summary Compared to Actual Billet Numbers Cne Year Later

Code	Rank	Billets Listed	Current Billets
XX80P	0-6	1	0
	0-5	6	4
	0-4	1	1
XX81P	0-6	9	10
	0-5	9	7
	0 - 4	12	9
XX82P	0-6	6	8
	0-5	2	4
	0-4	<u>11</u>	6
TOTAL		57	49

The overall listing has not changed significantly for the communicator in the period of one year. The point to be made, however, is that there is no summary of the other subspecialty billets, especially the ones requiring proven subspecialists, for the Naval officer to review in planning a career. There are in fact 111 Communication proven subspecialist billets (Q and R coded) currently designated in the ranks of LCDR through CAPT. The importance of this fact, is that the Officer Billet Summary gives no guidance at the individual command level for the 1110 communicator beyond the first significant tour requiring a P code. There



is nothing written and readily available that will show or illustrate the hierarchy of communications jobs by which to plan professional development in the subspecialty field along with surface warfare development beyond that point.

Research did not reveal any reason why only P coded billets are listed. [Ref. 13]

F. MANUAL OF NAVY OFFICER MANPOWER AND PERSONNEL CLASSIFI-CATIONS, VOLUMES I AND II (NAVPERS 15839 E)

These two volumes identify, define and promulgate the Navy officer classification and code structure as it currently exists. Four sections of this reference are applicable to the subspecialist in general and the communications subspecialist in particular (with regard to two sections).

Part A identifies and defines the Navy Officer Billet Classification (NOBC) codes. These codes identify officers billet requirements and officer occupational qualifications acquired through billet experience or through a combination of education and experience. The NOBC code itself consists of four digits. Using the code 9515 for example, the first digit identifies the field (Navy Operations), the second digit identifies the group within the field (Communications), and the last two digits indicate the specific job title and classification within the group. In this particular case, 9515 is the NOBC code for Communications Plans and



Operations Officer. The NOBC codes for the Communications Group run from 9500 to 9599 and they identify "primary duties associated with planning, directing, and operating naval communications systems, afloat and ashore." [Ref. 14] Each NOBC in the group is listed numerically along with the full job title, the computer abbreviated title, and a definition/description of the billet and/or qualification. Again using the NOBC code 9515 as an example, the definition is as follows:

"Formulates communications plans and prepares communications annexes to operations plans and orders. Reviews communication plans prepared by higher authority; prepares necessary supporting plans and provides information and advice on their implementation; maintains liaison with communication planning staffs of other services and agencies; supervises collection, evaluation, and display of communications information." [Ref. 14: p. A-217]

Part E of this manual is entitled "Subspecialty Codes."

This section defines the coding, the coding restrictions,

the criteria for assigning codes to the billets, the sponsors and the consultants for the subspecialty areas.

The overall goal of the officer subspecialty system is to provide sufficient officers with subspecialties for which current and projected validated requirements exist. With that end in mind, subspecialty coding has a dual purpose. It is used to describe the area and level of specialization required in each billet, and the subspecialty area and level of experience and expertise achieved by each coded officer. With regard to billets, the subspecialty



code defines the field of application and the additional education, experience, and training qualifications needed to satisfy special requirements of each billet. [Ref. 14] For officers, the code is a means of identifying the area of expertise as to education and skill, the officer's background experience in the field, and the level of education and skills that the officer has achieved.

The subspecialty code is made up of five characters consisting of four numbers and one letter suffix. The first two numbers of the code constitute the functional field. For communications subspecialty billets below the grade of Lieutenant Commander (0-4), this field is expressed as "00" entered as the first two digits (Example: 0082T). Communication subspecialty billets in the grades of Lieutenant Commander through Captain are expressed with "50" as the first two numbers, which identifies a requirement for officers with background experience in Command and Control (the functional field under which communications is included). Flag officer billets are not assigned subspecialty codes. [Ref. 14] With regard to the coding of officers, the functional field code of "50" is applied to communications subspecialists in the rank of Lieutenant Commander through Captain to indicate experience in the professional area of Command and Control, the area in which the officer will apply his specific education, training and experience. Functional field codes are assigned to the officer as a result



of the Subspecialty Selection Board to be discussed later. The functional field code as it relates to billet coding can be changed as a result of activity or claimant request, primary sponsor action, or the action of the Subspecialty Requirements Board (to be discussed in Chapter III). The primary sponsor for the Command and Control functional field is the Director of Command and Control (OP-094). The other sponsors (secondary) are DCNO-Submarine Warfare (OP-02), DCNO-Surface Warfare (OP-03), DCNO-Air Warfare (OP-05), Naval Office of Warfare (OP-095), COMNAVSECGRU, COMNAVTELCOM, COMNAVELEXSYSCOM, COMOCEANAV, and COMNAVOCEANMET. The duties and responsibilities of the sponsors are contained in the Manual of Navy Total Force Manpower Policies and Procedures (OPNAVINST 1000.16E).

The third and fourth numbers of the subspecialty code is used to identify the educational skill field required by the billet or as acquired or achieved by the officer.

Three codes apply to the communications subspecialty:

XX80-Communications (General), XX81-Communications

Engineering, and XX82-Communications Systems Technology.

XX80 is used as a billet code only at the Commander and Captain level to note a billet requirement which may be satisfied by any discipline within the immediate skill levels. [Ref. 13] The educational skill fields have consultants designated as opposed to sponsors in the functional fields and their duties and responsibilities are



also outlined in OPNAVINST 1000.16E. The primary consultant for the communications education/skill field is the Director, Naval Communications Division (OP-941) with support from the other consultants: OP-094, COMNAVSECGRU, COMNAVTELCOM, and COMNAVELEXSYSCOM.

The letter suffix of the subspecialty code defines the level of education or skill in the field just discussed (i.e. XX81/XX82). As it relates to officers and billet requirements both, the suffixes for proven subspecialties (C, M, Q, F, and R) are used to identify unrestricted line officers and billets in the grades of Lieutenant Commander through Captain only. Proven subspecialty codes are assigned only by subspecialty selection board action. The definitions of the subspecialty suffixes are provided in Table II. [Ref. 14]

Parts K and L of NAVPERS 15839E [Ref. 14] are important for the subspecialist if only for background information.

Part K gives information concerning the reporting and recording of training at service schools, while Part L is concerned with education, both Navy sponsored and other Navy officer education programs. It is an additional source of reference material that can be used in reviewing one's record (Officer Data Card or full service record) and planning one's career.

Volume II of NAVPERS 15839E explains and defines the Officer Data Card (ODC) item by item. The ODC is a



TABLE II

Subspecialty Suffixes

- *B--Validated requirement for master's or higher level of education but second priority to P, Q, M, N, C, or D coded billets for assignment of qualified officers; used when subspecialty code compensation for the billet has not been identified.
 - C--PhD level of education--Proven subspecialist.
 - D--PhD level of education.
 - E--Baccalaureate level of education in a field applicable to the subspecialty.
 - F--Master's degree not fully meeting Navy criteria or graduate education at less than master's level--proven subspecialist.
 - G--Master's degree not fully meeting Navy criteria or graduate education at less than master's level.
- *H--Billet code to indicate a position for which the assignment of an officer with a master's level of education is desirable but not required.
 - M--Engineer's degree level of education--proven subspecialist.
 - N--Engineer's degree level of education.
 - P--Master's level of education.
- Q--Master's level of education--proven subspecialist.
- **R--Significant experience--proven subspecialist.
- **S--Significant experience.
 - T-Billet code: denotes training billet which qualifies incumbent for an S-code officer code; identifies students in duty under instruction leading to the indicated subspecialty qualification.
 - * Applies only to billet codes.
 - **The codes denoting significant experience should be limited to those fields where requirements exist or skills are achieved outside a directly related specialty/designator.



familiar document for most officers but there are certain items which become important after an officer becomes a subspecialist for tracking, utilization, and promotion. Some of these items are education (blocks 54-59), subspecialty code assigned (blocks 66-68), service schools (block 52), utilization codes (blocks 79, 91), and additional qualification designations or AQD (block 72).

G. MANUAL OF NAVY TOTAL FORCE MANPOWER POLICIES AND PROCEDURES (OPNAVINST 1000.16E)

This instruction is as substantive as NAVPERS 15839E, hoever, Section 402 and 403 of Chapter 4 have direct application to the subspecialist. Section 402 assigns the specific responsibilities of the subspecialty sponsors, consultants, and coordinators. The sponsors and consultants for communications were identified earlier. The subspecialty coordinators are as follows: Subspecialty Requirements Coordinator (OP-114), Graduate Education Coordinator (OP-132E4), Professional Development Education and Subspecialty Management Branch (NMPC-440), and the Subspecialty Curricular Coordinator (N-13). These offices and their responsibilities in accordance with OPNAVINST 1000.16E will be discussed in the following chapter.

Section 403 outlines the Subspecialty Requirements Board (SRB). "The objective of the SRB is to produce a billet



base which expresses valid requirements for officers with subspecialty education, training, or experience in the various technical and managerial skill fields, as identified in terms of disciplines, officer designators and grades."

[Ref. 15: pp. 4-9]



III. THE SUBSPECIALTY MANAGEMENT SYSTEM

The intent of this chapter is to outline the different organizations that code, review, analyze, designate, or in short, manage the subspecialty system. Figure 3.1 was provided by the Officer Professional Development Section (OP-132E4) as the basic flow diagram for subspecialty management and will be used in the following discussions as the baseline reference. The subspecialty system will be discussed in three areas: subspecialty billet coding, utilization and tracking, and the subspecialist selection process. The different interfaces of these three areas will be traced with regard to the Surface Warfare (1110) communications subspecialist.

A. SUBSPECIALTY CODING

The subspecialty codes as they apply to the communications subspecialties were explained and defined in detail in Chapter II. With regard to billet coding, the subspecialty codes define the field of application, and the additional education, experience and training qualifications needed to satisfy the special requirements of particular billets. The work-center concept is the basis for determination of subspecialty requirements. The work-center as defined by OPNAVINST 1000.16E is "an organizational element



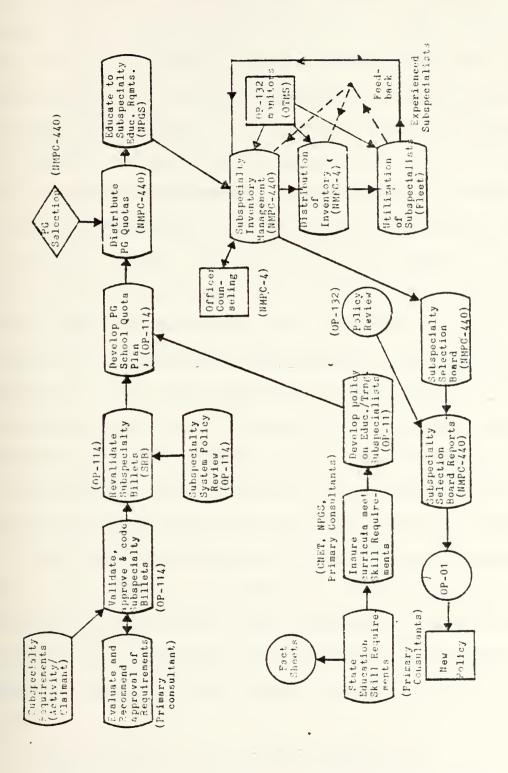


Figure 3.1 The Subspecialty Management System



composed of a mixed group of specialty and subspecialty skilled personnel, that performs a specific function in support of the organization's mission." [Ref. 15, pp. 6-Using this concept, similar organizations with the same basic mission will have correspondingly aligned subspecialist skill requirements. As to the utilization of subspecialists under this concept, "assignments are made to commands with validated requirements, and utilization is credited within the work-center, not the billet, permitting greater [Ref. 15: pp. 6-13] For example, a command flexibility." with a billet requirement for a Lieutenant Commander coded 5082Q has an officer of the same rank and code assigned to the command. The command can then assign that officer to a job other than the one coded 5082Q yet utilization will still be credited to the command and the officer in the work center concept. That documentation of utilization, as will be seen later, occurs in the order writing process and is the responsibility of NMPC-440.

The overall coordination of subspecialty requirements and billet coding is assigned to OP-114, the Subspecialty Requirements Coordinator, DCNO (Manpower, Personnel and Training). In accordance with OPNAVINST 1000.16E their specific responsibilities are as follows: [Ref. 15: pp. 4-5]

(1) Develop policy for officer subspecialty management.



- (2) Manage and coordinate subspecialty manpower requirements.
- (3) Receive requests for authorization of subspecialty billet requirements and conduct liaisons with the primary consultants and designator advisors in validating the requests as requirements.
- (4) Determine the Navy's present and future subspecialty requirements.
- (5) Maintain, in a current status, the Navy's subspecialty classification system.
- (6) Approve subspecialty billet criteria.
- (7) Promulgate subspecialty billet listings and change reports to the primary consultants monthly.
- (8) Convene biennially the Subspecialty Requirements Board.

Most of the responsibilities cited relate directly to the workings and results of the Subspecialty Requirements Board as well as day to day management. Item (3) refers to one of two methods for changing, adding, or deleting billet requirements; that of submitting the Subspecialty Billet Request. This request is submitted via the chain of command to OP-114 by commanding officers, Fleet and Type commanders, subspecialty consultants and sponsors, or manpower claimants, in accordance with the guidelines set forth in OPNAVINST 1000.16E. Figure 3.2 is a copy of an actual Subspecialty Billet Request which requested a change in subspecialty codes from 5082Q to 5076Q. In this particular case, this request was for the purpose of identifying billets for the new Space Systems subspecialty community. The need to submit a



SUBSPECIALTY BILLET REQUEST

Date: January 82

- 1. Activity Title: NAVCOMMSTA Stockton CA
- 2. Activity 10-digit Code: 2473-0780-00
- 3. Billet Sequence Code: 00200
- 4. Billet Designator and Rank: 1000G
- 5. Billet Title: CO Shore Acty
- 6. Subspecialty Code Requested: 5076Q
- 7. Subspecialty Code Presently Assigned: 5082Q (from latest ODCR)
- 8. Work Center Mission/Function Statement: Naval Communication Station: Manages, operates and maintains facilities, systems, equipments and devices necessary to provide telecommunications connectivity for the Dept of Navy and DCS as assigned. Operates and maintains Fleet SATCOM heavy earth terminals, through the NTCOC DET at Sunnyvale, provides liaison and coordination between the Navy and the Air Force Satellite Control Facility.
- 9. Work Center Subspecialty Requirements: (List other subspecialty coded billets in the work center by BSC and subspecialty code)

XO Shore 0300 5082F COMM Plans & OPS 01300 5082P Public Works OFF 03100 1101P Comm OFF 01950 5082Q TFC OFF 02150 0082S

- 10. Specific justification for subspecialty code requested: An officer with Master's level knowledge and proven experience in satellite communications is required to perform the constant interface and planning functions of this position. Officer must coordinate with JCS, CINCPAC, CINCPACFLT, CNO and the local NAVBASE commanders to provide contingency communications. The heavy emphasis on satellite/antijam communications justifies the knowledge and experience of the space subspecialist.
- 11. Subspecialty Code Compensation: (Required for new graduate education requirements) N/A

Figure 3.2 Subspecialty Billet Request



billet request may also stem from the commanding officer's annual required review of the Manpower Authorization (OPNAV Form 1000/2) and the most recent Officer Distribution Control Report (ODCR-NAVPERS 1301/5) for the command.

Figure 3.3 illustrates the process by which subspecialty billet requirements are identified, reviewed, approved and finally coded. As pictured, the billet requests are submitted via the chain of command to OP-114 who forwards it to the primary consultant, Director, Naval Communications Division (OP-941). The primary consultant's responsibility is to evaluate the requests, determine whether the request represents a requirement for valid utilization of a subspecialist and recommend approval or disapproval of the requests to OP-114. Within OP-941, the Plans and Programs section (OP-941C) is responsible for the processing of these requests. The primary consultant will also liaison with secondary consultants as required (i.e. liaison with Commander, Naval Security Group concerning a change with a Cryptology (1610) billet). In phone conversations with various activities, it was noted that a significant amount of informal dialog precedes a billet request and in most cases, the billet change requests represent formal confirmation and documentation of agreement already reached in the chain of command. Billet requests are disapproved in these cases for insufficient documentation usually concerning either the work-center mission statement or justification statements



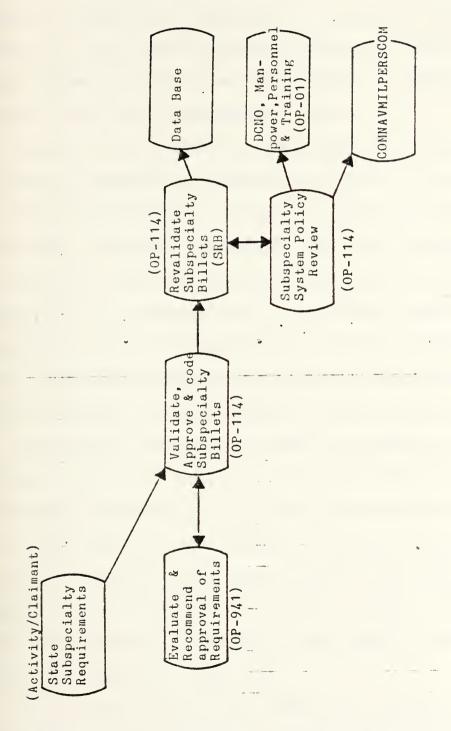


Figure 3.3 Subspecialty Billet Coding Process



or new requirements. Upon final approval, OP-114 then codes the applicable billets accordingly and enters the new information into the officer data base. There is no further validation at this point. Referring back to Figure 3.2, the review process resulted in the billet being cross-listed so that either code, 5082Q or 5076Q, could satisfy the billet requirements. [Ref. 16]

Figure 3.3 also shows the revalidation process involving the SRB or Subspecialty Requirements Board. This board is an administrative board convened biennially by OP-114. The next board convenes in May/June 1983. The background work is done by the SRB working group chaired by OP-114 and comprised of all subspecialty consultants, sponsors, and designator advisor representatives. In the communications area, representatives from the sponsors and consultants cited in Chapter II are members of this working group.

In executive session, the SRB is chaired by the Chisf of Naval Material. The rest of the executive board membership consists of flag officer representatives from the Director, Navy Program Planning (OP-090); DCNO, Manpower, Personnel and Training (OP-01); Director of Command and Control (OP-094); Director, Naval Warfare (OP-095); and Director of Research, Development, Test and Evaluation (OP-098). [Ref. 15]

The primary action of the SRB is to conduct a zerobased review and revalidation of all subspecialty billets.



New billet request changes can be submitted during these deliberations for review, approval, and validation. The overall objective "is to produce a billet base which expresses valid requirements for officers with subspecialty education, training, or experience in the various technical and managerial skill fields, as identified in terms of disciplines, officer designators, and grades." [Ref. 15: pp. 4-9] Toward that objective, the work-center concept as discussed earlier is applied and reviewed. Billet requirements are reviewed as to the minimum education level essential for satisfactory performance. The minimum skill and experience levels are also reviewed and validated. Finally, any problem areas which require policy decisions or change are documented by the board and submitted with the subspecialty system policy review and recommendations by OP-114 to DCNO, Manpower, Personnel and Training (OP-01) and Commander, Naval Military Personnel Command.

B. COUNSELING, UTILIZATION AND TRACKING

Figure 3.1 shows NMPC-4 as the source for officer counseling in the subspecialty management system. The detailer is the unrestricted line officer's representative who is responsible to assess the officer's career development goals in the context of the needs of the Navy and the officer's professional needs. [Ref. 1: p. 1] Unless the detailer



is a communications subspecialist however, questions relating specifically to the communications subspecialties usually cannot be answered. In these cases, the detailer refers the line officer to NMPC-440.

NMPC-440 or the Professional Development Education and Subspecialty Management Branch is the only office officially tasked to "counsel officers on subspecialty careers" and "to provide subspecialty career information for use by commanders, personnel managers, executives and individual officers." [Ref. 15: pp. 4-7] This office was formerly known as the Subspecialty Procedural Control Branch. In point of fact, however, this office is not staffed for detailed counseling on specific subspecialty questions. The counseling available is based on career fact sheets provided to NMPC-440 by the primary consultants. These fact sheets are sent to subspecialists by NMPC-440 upon request only. A copy of the fact sheets for Communications Engineering (XX81) and Communication Systems Technology (XX82) are provided as Appendix A. There is no requirement for periodic review of these fact sheets other than "as required." Telephone conversations with the Plans and Programs section (OP-941C22) indicate that the current fact sheets for communications will be revised prior to the next Subspecialty Requirements Board but that the basic format will be same. Changes will be made to update the educational



skill requirements and the points of contact listed at the end of the fact sheets. [Ref. 17]

There is another information source that NMPC-440 will refer inquiries to concerning communications. The Assistant for Manpower Training and Reserves (OP-094E) under the Director of Command and Control (OP-094) is also known as the Communications Subspecialty Manager. This officer has been tasked as the primary point of contact for command and control subspecialties by the primary sponsor (OP-094). The billet is currently filled by a Surface Warfare Officer (1117-TAR) who is not a subspecialist (billet does not require subspecialist in command and control) and spends approximately sixty percent of the time in the point of contact role maintaining continuous dialog with NMPC-440, detailers, and subspecialty consultants. [Ref. 18] This office does provide some counseling and guidance over the telephone but specific or technical questions relating to a particular subspecialty are referred to a contact with the appropriate consultant.

There are other sources of information and general counseling available to the Surface Warfare (1110) Officer subspecialist that have not been discussed. Traditionally, the experienced commanding officer afloat and ashore has had the responsibility of advising the junior officers in their career development. As mentioned earlier, designated proven subspecialists in communications are also a



source of information that can be "tapped" so to speak
by the Surface Warfare Officer for guidance. NMPC-440
however, is officially tasked as the source of information
and counseling for subspecialists. This is the manager
of the Navy's inventory of subspecialists, responsible
for continual monitoring of subspecialist utilization.
This office is in the position of knowing what the needs of
service are and how those needs relate to career development of officers. The weak link is the career fact sheet
serving as the basis for counseling and answering questions
with regard to the specific subspecialties. For the communications subspecialties, this is somewhat counterpalanced
by the single point of contact role established with OP-094E.

With one exception, the utilization and tracking mechanism for the communications subspecialties (XX81/XX82) is the same as for all subspecialty communities. The focal point of this portion of subspecialty management is the Professional Development Education and Subspecialty Management Branch (NMPC-440). NMPC-440's responsibilities as to the assignment and utilization of officer subspecialists are outlined in The Manual of Navy Total Force Manpower Policies and Procedures (OPNAVINST 1000.16E) and are as follows: [Ref. 15: pp. 4-7]

(1) Review subspecialty assignment procedures of officer distribution divisions to ensure optimal utilization of officer assets.



- (2) Establish subspecialty assignment procedures which enhance the professional development of the various officer communities.
- (3) Monitor the assignment of all subspecialists.
- (4) Maintain utilization statistics on subspecialists.
- (5) Bimonthly, report to DCNO (Manpower, Personnel and Training) on subspecialist utilization.
- (6) Act as final authority on waivers permitting utilization of officer subspecialists in other than subspecialty billets.
- (7) Report to DCNO (Manpower, Personnel and Training) when a commander requests a subspecialist fill of an uncoded billet requirement.

The key to utilization studies is in the assignment of the subspecialty utilization code when an officer's orders are processed. Prior to 1 November 1982, the detailers assigned this code when the officer assignment document (OAD) was drafted. The subspecialty utilization codes are listed below as Table III.

TABLE III

Subspecialty Utilization Codes Defined [Ref. 14: II-18]

Cod	<u>e</u>	Definition
*		Code requires research.
A		Operational tour required to maintain progression
		in warfare specialty.
В		Educational assignment (service school, graduate
		school training, etc.
C		Separation pending.
D		Officer's graduate education field matches billet
		requirement.
E		Officer's graduate education field closely related
_		to billet requirement.
G		•
G		Related assignment utilizing officer's subspecialty
		in subspecialty billet not requiring graduate
		education.



- H Related assignment utilizing officer's subspecialty in a non-subspecialty billet.
- J Officer has more than one subspecialty code and higher priority exists for utilization of the secondary code.
- K Billet is not a subspecialty coded billet but is considered a higher priority requirement.
- L Non-utilization.
- M Officer without graduate education will be utilizing subspecialty.

The procedures changed when it was determined that the detailing branch did not have the expertise to correctly assign the proper utilization codes. As of 1 November 1982, all officer assignment documents (OAD) are routed through NMPC-440 for assignment of utilization codes. The procedure for subspecialist waiver forms also changed at this time. Heretofore, waiver forms were generated only when a subspecialist was being considered for assignment to duties in an area outside of his subspecialty. Waiver forms are now filed on all officers with subspecialty codes when order assignment documents are processed whether or not the officer is going to a utilization tour. With the exception of the command and control subspecialties (which includes communications), the final authority for granting waivers requesting non-utilization tours rests with NMPC-440. If the officer is going to an operational billet building on his warfare expertise, the waiver is generally approved. It is recognized that although the Navy wants to utilize the officer with the graduate education or the experienced subspecialist, that officer also has a career pattern to



follow involving sea-shore rotation, leadership jobs, and operational currency. [Ref. 11] Research did not show if the career was the important variable or the need for a given expertise in an operational billet. Figure 3.4 differs from Figure 3.1 in that it shows the utilization and tracking as it currently operates. For the communications subspecialist, the waiver form goes via NMPC-440 to OP-094 for approval. In a seminar at Naval Postgraduate School on 3 March 1983, VADM Nagler (OP-094) stated that this recent procedure change had been agreed to by the DCNO (Manpower, Personnel and Training, OP-01) and was his action as primary sponsor to increase the utilization of subspecialists in command and control. These waiver requests are screened on a case by case basis by OP-094E and then returned to NMPC-440 recommending approval or disapproval.

Returning to Figure 3.4 NMPC-440 assigns utilization codes on all officer assignment documents and files a copy of the waiver forms for documentation and follow-on analysis. Although tasked to maintain continual utilization statistics and report to DCNO on subspecialty utilization, research found that both were not being accomplished. DCNO reports are not being generated and utilization statistics are compiled on request only. [Ref. 10] As of the date of this research, no request for these statistics had been requested for over six months. Weekly reports are



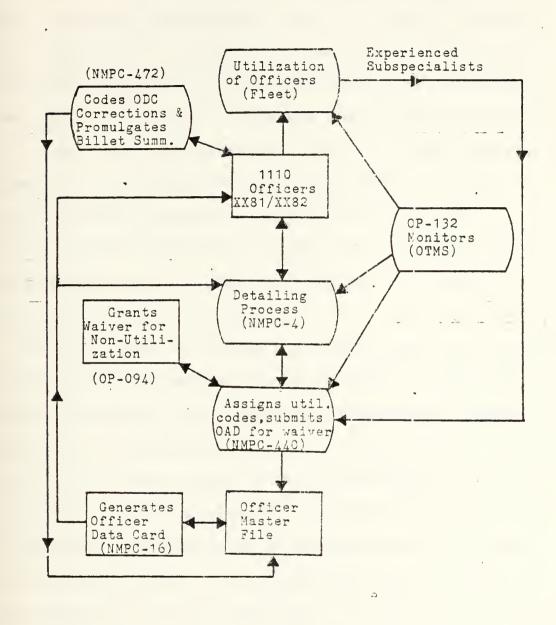


Figure 3.4 Subspecialist Utilization and Tracking



generated internally (to NMPC-4) which report on those unrestricted line officer subspecialists who are not going to sea and are proposed to go to a non-utilization tour. [Ref. 11] No reason is cited for not compiling utilization statistics in accordance with written policy other than that prior to 1 November 1982, the utilization data is not considered accurate. [Ref. 11] The Officer Professional Development Section (OP-132E4), however, does utilization studies to assess the "health and welfare" of the subspecialties [Ref. 19] citing the fact that although the data base has inaccuracies, dominant trends can still be identified.

Referring back to Figure 3.4, after the officer assignment document has been reviewed by CP-094E and NMPC-440 and the utilization code assigned, the detailing process continues with the actual assignment of the Surface Warfare Officer to his tour of duty. The diagram shows a loop-back where the officer after his utilization tour becomes an experienced subspecialist in the subspecialty inventory that NMPC-440 manages. The generation of the Officer Data Card by NMPC-16 (Officer Services) to the officer and detailer is also noted on the diagram to point out that the officer has the opportunity via this process to verify that certain accomplishments, utilization tours, and qualifications have in fact been officially recorded in the Officer Master File (OMF) and to note corrections that need to be



made for accuracy in the officer's record that will be reviewed for promotion and subspecialty selection. Corrections to the Officer Data Cards are processed via NMPC-472, the same branch discussed earlier that promulgates the Officer Billet Summary. OP-132 (Military Personnel Programs Branch) is also depicted in Figure 3.4 in a monitoring role to insure that policies created under the Operational Technical Managerial System (OTMS) noted in Chapter I are in fact being followed by NMPC-4, NMPC-440, and the fleet. In that regard, this office manages and supports 21 different designator communities (i.e. 1110, 1610, etc.) utilizing career progression statistics, accession models/ plans, community strengths and attrition data. Reporting to OP-132 but not depicted in Figure 3.4 is the Officer Professional Development Section (OP-132E4) who is responsible for analysis (as previously noted) and monitoring of subspecialty communities. [Ref. 20] This office also prepares the OTMS brief for the Subspecialty Selection Board as to the health and welfare of the particular subspecialties under review, in terms of accession into the program, utilization, and promotion trends. [Ref. 19] This brief is a philosophical approach with some supporting data as opposed to a total analytical presentation. [Ref. 191

Currently, OP-132E4 has been tasked to do a study analyzing the feasibility or desirability [Ref. 20] of



specialization within a subspecialty field. The study evolves around a situation where a requirement exists for increased expertise in a subspecialty area. One of the questions to be addressed is: Can a Surface Warfare Officer have a viable career if ordered ashore at a certain career point and kept ashore in the applicable subspecialty? The procedure, given the necessary requirement for a certain number of officers and specified rank structure, would involve taking a percentage of officers with that subspecialty code and giving them a career ashore with some expected career promotion opportunities. The impact on the parent designator community (in this example, the Surface Warfare community) will also have to be assessed. Another impact to be studied is the reluctance of unrestricted line officers with certain career milestones and promotion in sight, to leave the community to go ashore permanently.

C. SUBSPECIALTY SELECTION

Figure 3.5 was extracted from the base reference diagram to illustrate the subspecialty selection process as it is currently set up. There are two methods by which an officer can be assigned a communications subspecialty code: administratively and by formal board action. Administrative assignment of subspecialty suffix codes (other than proven subspecialist codes) is the responsibility of the



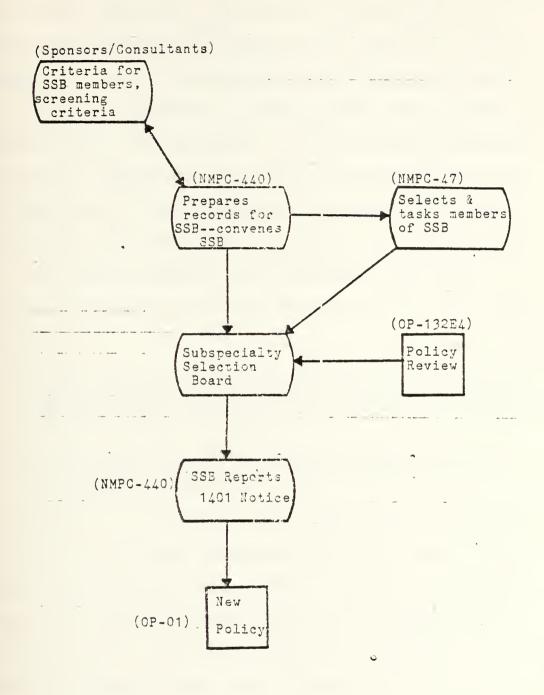


Figure 3.5 Subspecialty Selection Process



Professional Development Education and Subspecialty Management Branch (NMPC-440) with guidance criteria from the subspecialty sponsors and consultants. [Ref. 11] This coding can occur in the processing of orders (discussed earlier) when an officer's record matches the criteria for a certain code. For example, a Surface Warfare Officer finishing a communications officer tour afloat tour on a destroyer could be administratively assigned the code 0082S indicating completion of a significant experience tour relating to Communications Systems Technology.

Other administrative code assignments include such situations as:

- (1) Letters from a command citing an officer's significant experience in a certain area at which time NMPC-440 pulls the record and verifies the experience before assigning the code.
- (2) Transcripts sent in verifying advanced education (i.e. master's level) in a field related to the applicable subspecialty code.

Any administrative assignment of codes is reviewed and revalidated in the formal deliberations of the applicable Subspecialty Selection Board (SSB). Formal assignment of subspecialty codes is accomplished by the Subspecialty Selection Board. There is more than one Subspecialty Selection Board with each one relating to a particular functional field. The communications subspecialty community falls under the review of the Command and Control Subspecialty Selection Board which convenes biennially in the



August time frame. The next board will convene in August 1984. The purpose of the board is to select unrestricted line officers in the ranks of Lieutenant Commander, Commander, and Captain for designation as subspecialists in the Command and Control educational skill areas in accordance with the provisions of the Manual of Navy Total Force Manpower Policies and Procedures (OPNAVINST 1000.16E) and the Manual of Navy Officer Manpower and Personnel Classifications (NAVPERS 15839E). NMPC-440 convenes all Subspecialty Selection Boards with a formal letter of instruction called a "precept." [Ref. 11] A copy of the format used for the last Comman1 and Control Subspecialty Selection Board which convened 23 August 1982 is provided as Appendix D and will be discussed later.

The subspecialty selection process starts a few months before the convening date with NMPC-440 pulling the officer records from the master file for board review and action. The records of those officers already coded are pulled as well as uncoded officers who have served in a coded billet for over one year. The latter officer records are prescreened by NMPC-440 eliminating those records reflecting applicable tour completion more than five years prior to the board (recency of tour criteria). In addition, the primary sponsors are asked to provide a list of Navy Officer Classification (NOBC) codes and Additional Qualification Designator (AQD) codes that the sponsor is



interested in screening for subspecialty selection. In the communications group for example, the applicable NOBC codes run from 9500 to 9599. NMPC-440 pulls all officers records with the requested NOBC and AQD codes and pre-screens those files, again eliminating any officer who did not earn that code within the last five years. [Ref. 11] While the records are being prepared, the mechanics for actual convening of the board are set into motion. NMPC-440 queries the appropriate sponsors for desired criteria for board membership such as desired proven subspecialist representation in a certain area or desired warfare designators represented. Board members are almost without exception all proven subspecialists in the applicable area. [Ref. 11] The criteria is then passed to the Assistant for Board Membership (NMPC-47), who selects and officially tasks the appropriate number of flag officers and Captains for board membership. An effort is made to select officers from the Washington, D.C. area [Ref. 21] to conserve travel funds but more importantly, it attempts to avoid pulling a senior officer away from an operational tour to serve as a board member for a lengthy period of time. In the case of the last Command and Control Subspecialty Selection Board, this procedure for selecting board membership was not followed (as illustrated by Figure 3.6). As stated by VADM Nagler (Director of Command and Control, OP-094) and later confirmed [Ref. 18], courtesy was extended to OP-094 to



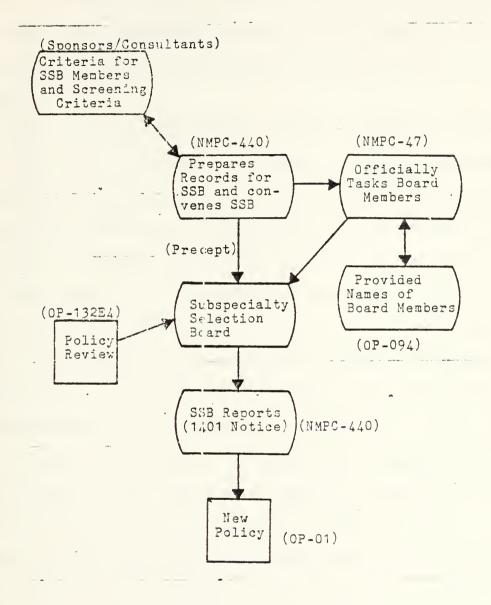


Figure 3.6 Subspecialty Selection Process for Command and Control Subspecialties



provide the actual names of officers to serve as board members. Officers were selected who were aware of OP-094's policy [Ref. 18] regarding subspecialty designation (and downgrading) and their names given to NMPC-47 for official tasking.

As noted earlier, OPNAVINST 1000.16E, NAVPERS 15839E, and the NMPC-440 letter of instruction (precept) constitute the references and guidelines for the board's deliberations. The board also hears the OP-132 policy brief (already noted) concerning the Operational Technical Managerial System (OTMS) with regard to the subspecialties under review. The board's deliberations involve two more functions in addition to selection and designation. They are responsible for assigning or removing the functional field code (50XX) and downgrading officer subspecialty codes (i.e. from a proven Q-code to a P-code). Communications subspecialist officers who have had recent and relevant experience are assigned the functional field code of "50XX." Those officers who have not maintained their experience current within the criteria of recency and relevancy will have this field deleted (changed to "00XX") by board action. Recency is defined as within 5 years but the criteria of relevancy as noted in previous discussions is a subjective evaluation based on the overall expertise and experience of the board membership. The criteria as it relates to subspecialty



designation is included in the letter of instructions to the board (Appendix D) and is summarized as follows:

- (1) Recency of tours
- (2) Relevance of education and/or experience
- (3) Superior performance in the Command and Control educational skills areas
- (4) Leadership potential
- (5) Relevant graduate education and one significant tour for designation as Q-code proven subspecialist
- (6) Minimum of two significant tours for designation as R-code proven subspecialist.

The last two criteria relate directly to designation as a proven subspecialist.

With one exception, none of the references including the letter of instructions to the board identify the function of or state the criteria for downgrading but it is in fact an action of the board that has been exercised. [Refs. 11, 18, 19, 21] Recency and relevancy has been cited [Ref. 11] as one criteria and is identified with regard to S-coding only in the letter of instruction to the board. VADM Nagler (OP-094) stated in the previously noted seminar that performance and promotability were the criteria with emphasis on performance. If an officer was not performing and maintaining currency both in the warfare and subspecialty areas, then downgrading was appropriate in order to maintain the high professional quality in the community. One observer of the recent Command and Control board stated however, that



the criteria was promotability only. If a proven subspecialist was determined by the board to be no longer competitive within his warfare community and therefore not promotable beyond the present rank, that officer was downgraded to a lower code. This particular observer would not agree to be identified as a reference in support of this observation but did provide two examples of proven subspecialist officers who failed select for promotion to Captain on the first screen and were subsequently downgraded in the subsequent Command and Control Subspecialty Selection Board from Q code to P code. This author found those officers in the data base used for analysis in Chapter IV. Performance trends (i.e. fitness reports) were not available but both officers met the criteria of recency and relevancy and had significant subspecialty experience. Both officers also had completed a command at sea tour as a Lieutenant Commander. Further investigation revealed that both officers had failed to screen for promotion to Captain prior to the deliberations of the Subspecialty Selection Board. author notes that two officers' records do not serve to substantiate a trend in the board's deliberations. Also, the effect of that downgrading cannot be objectively assessed as to the impact it will have the next time these officers are screened for promotion to Captain with records reflecting downgrading from proven subspecialists. Without substantial evidence or documentation, the only statement



that can be made is that downgrading is the result of a subjective judgement based on the overall experience of the board members.

Referring to the letter of instruction, there is further guidance to the board with regard to such factors as obesity, training commands, equal opportunity, and alcohol abuse. Upon completion of their deliberations, the Subspecialty Selection Board submits their report to NMPC-440. The list of proven subspecialists that have been designated are promulgated in the Naval Military Personnel Command (NAVMILPERSCOM) Notice 1401. The other codes are not promulgated but will appear on subsequent Officer Data Cards. Additions or deletions of functional field codes and subspecialty code designators (including the proven codes) are entered into the applicable officer's record and the Officer Master File (CMF). Comments or policy recommendations are included in the board's report and are forwarded to DCNO (Manpower, Personnel and Training, OP-01) for review and policy change as appropriate.



IV. ANALYSIS AND FINDINGS

A. GENERAL

The basic approach of this study was to analyze the career paths and information concerning Surface Warfare Officers currently assigned a communications subspecialty code with relation to factors such as graduate education, utilization, career paths and trends leading to designation as a proven subspecialist. The study was further expanded to include a review of the current billet structure in communications as related to the Surface Warfare Officer subspecialist.

Data for this analysis was obtained from the Officer

Master File (OMF) made available through the Officer

Professional Development Section (OP-132E4) Washington, D.C.

The OMF reflected data current through 21 December 1982,
allowing time for entry of data resulting from the most
recent Subspecialty Selection Board which reported out in

October 1982. As the data was in Officer Data Card (ODC)

format, extensive use was made of the Manual of Navy

Officer Manpower and Personnel Classifications (NAVPERS

15839E), Volumes I and II, in order to interpret this

data. There were some limitations to the data. The ODC

format provides only the last seven permanent duty assignments of the officer. For the more senior officers (prior



to year group 62), this meant that the records did not cover the complete career history of those applicable officers. Even with incomplete history assignments, certain data could still be extracted such as promotion history and sea-shore rotation trends (given past 7 assignments or 14 to 21 years service).

Additional sources were used to amplify the OMF analysis. The Subspecialty Requirements Coordinator (OP-114) and the Career Development Training Branch (COMNAVTELCOM Code 132) provided a listing of all communications officer billets (current as of December 1982) and billet change requests proposed for the Subspecialty Requirements Board (SRB) to convene late 1983. Naval Military Personnel Command (NAVMILPERSCOM) Notice 1401, dated 15 October 1982, listing officers selected as proven subspecialists was used to identify specific records for trend analysis.

B. DESCRIPTION OF DATA BASE

As of December 1982, there were 298 Surface Warfare Officers with a communications subspecialty code, either Communications Engineering (XX81) or Communications Systems (XX82), ranging in rank from LTJG (O-2) to VADM (O-8). Included in this base are 5 active duty reserve officers (1115) and 11 TAR officers (1117). The number strengths in the different suffix codes are shown in Table IV.



TABLE IV

Breakdown of XX81/XX82 Subspecialties as to Suffix Codes.

<u>XX81</u>						<u>XX82</u>							
Р	_	20	(20	0)				P	_	44	(4	14)	
*Q	-	18	(18	3)			*	Q	-	57	(5	57)	
S	-	2						S	_	78	(1	L5)	
*F	-	2	(:	1)			*	R	_	38	(1	L2)	
G	-	4					*	F	_	9	(7)	
T	_	3						G	_	14	(5)	
D	_	1	(:	1)				\mathbf{T}	_	6			
*M	_	1	(:	1)				N	_	1	(1)	
Total		51	(4:	1.)			Tota	1	2	247	(1	141	5

The numbers in parenthesis are the number of officers in that particular code who have master's degree level of education either from a Navy funded program or another source. Sixty one (61%) percent or 182 officers in the community have a master's degree; however the degrees of 32 officers are not communications related.

The asterisks next to the subspecialty suffix code indicates proven subspecialists code. As the data shows, 21 officers or 41% of the Communications Engineering subspecialty (XX81) are proven subspecialists. Forty one (41%) percent or 102 officers are proven subspecialists in Communications Systems (XX82). The matched percentages are pure coincidence as NMPC-440 has confirmed there are no quota limits on the number or percentages of proven subspecialists selected.

C. GRADUATE SCHOOL ENTRY POINT AND FIRST UTILIZATION TOUR

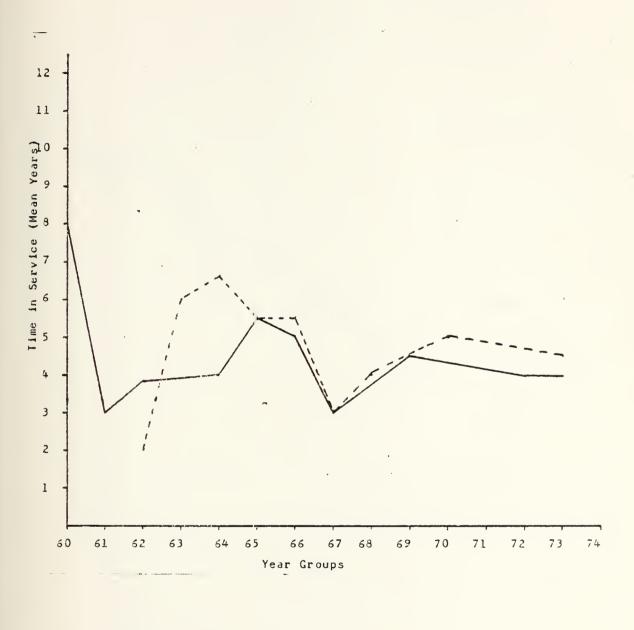
As noted in the Unrestricted Line Officer Guidebook, there are two time frames for entry into the Navy funded



graduate program (Naval Postgraduate School); one at the 3 to $3\frac{1}{2}$ year point after commissioning and the other at the 9-10 year point. DOD requirements also state that utilization will take place immediately following funded graduate work but not later than the second tour following completion of degree requirements.

With these requirements in mind, the Surface Warfare Officer subspecialists who had been assigned to the Naval Postgraduate School were examined as to time in commissioned service at entry point to graduate work. Figures 4.1, 4.2 and 4.3 show the trends for year groups 60 through 74. 1960 was the first year group of complete records where entry dates to graduate school could definitely be determined. The end point of year group 1974 was the last year group coded P in the data base of subspecialists. Figures 4.1 and 4.2 show an overall downward trend which levels off from about 1970 on. The spike in year group 70 in Figure 4.2 is the exception to the trend but that point represents only one officer in that year group with that code and therefore was disregarded in the actual numerical analysis. Figure 4.3 takes the data from both subspecialties into account and the downward trend in time in service at entry point becomes more definitive. The last four year groups (71-74) in fact level off to a mean time in service at entry of 4.1 years, with a standard deviation of .99 (1 year), and a variance of .99 (1 year). Interpreting this



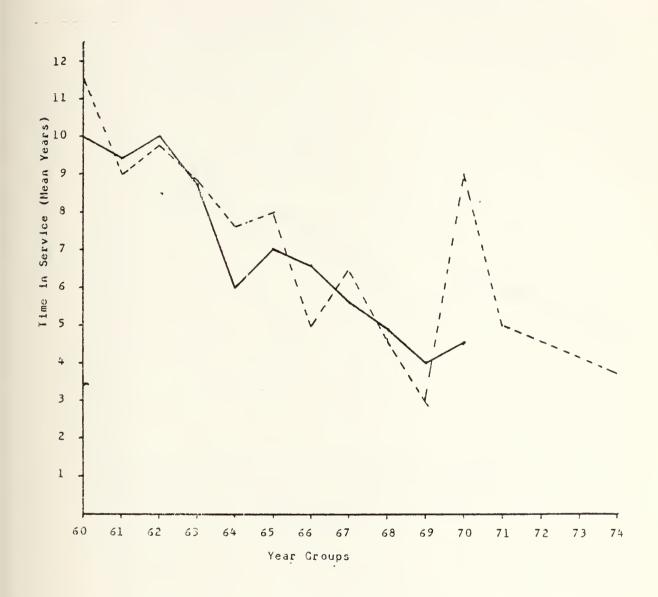


---XX81P

---XX81Q

Figure 4.1 Mean Time in Service at Entry Point to
Naval Postgraduate School (Surface Warfare
Officers with XX81P/XX81Q Code)





---XX82P

---XX82Q

Figure 4.2 Mean Time in Service at Entry Point to
Naval Postgraduate School (Surface Warfare
Officers with XX82P/XX82Q Code)



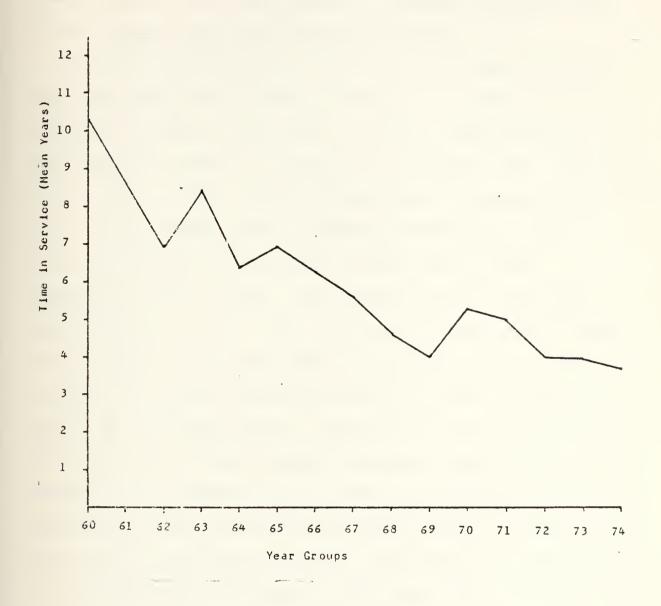


Figure 4.3 Mean Time in Service at Entry Point to
Naval Postgraduate School (Surface Warfare
Officers with XX81P/XX81Q/XX82P/XX82Q Codes)



to mean that 68.27% of the sample fell with 3 to 5 years time in service, the data appears to support the guidelines in the Unrestricted Line Officer Guidebook.

Figures 4.4 through 4.6 illustrate the trends found in analyzing the time to first utilization. As shown, year groups 63 through 66 stand out as having a significantly lower mean time before the initial utilization tour. This trend is due to the increased percentage of immediate "pay back" or utilization tours following graduation. Fifty seven (57) cercent of officers in year group 63 had immediate pay back tours. Year group 64 experienced 78% immediate utilization. This author has no definitive answer for this fact. Tying this fact to the mean time in service at first utilization indicates that the period in question was in the 1970-1975 period. Articles written during that time after the Vietnam drawdown indicate a shortage of communications personnel but no official documentation was found during this research as to direct policy on immediate utilization to justify this fact. Aside from this, the data for the last five years supports the fact that the first utilization tour takes place within 3½ years after graduation from Naval Postgraduate School.

D. NUMBER OF UTILIZATION TOURS AT PROMOTION POINTS The same population used in section C (XX81P/XX82Q/ XX82P/XX82Q) was analyzed as to the number of utilization



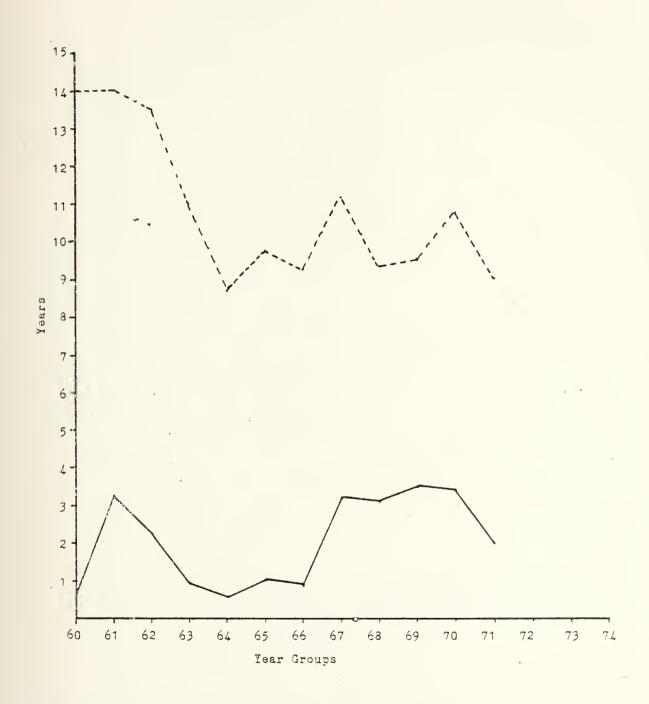


Figure 4.4 Mean Years from Naval Postgraduate School to First Utilization Tour (solid line) and Mean Time in Service at that point (dotted line) XX82P/XX82Q



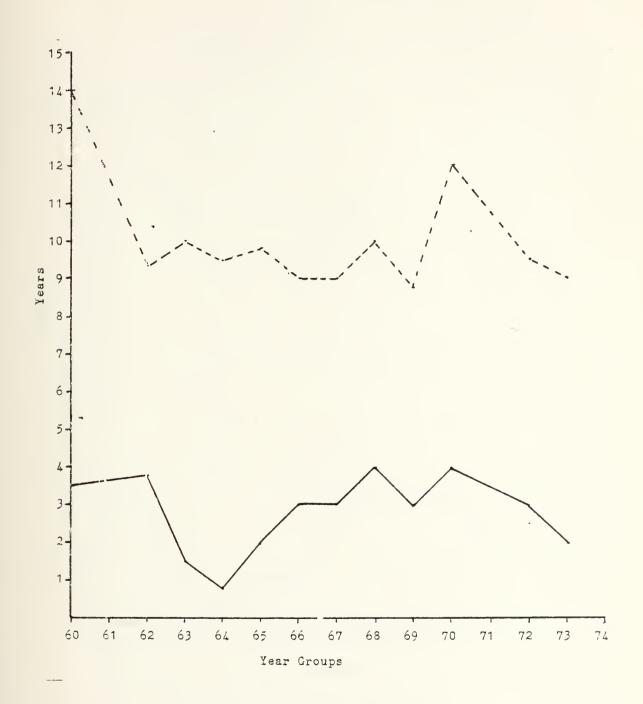


Figure 4.5 Mean Years from Naval Postgraduate School to First Utilization Tour (solid line) and Mean Time in Service at that point (dotted line) XX81P/XX81Q



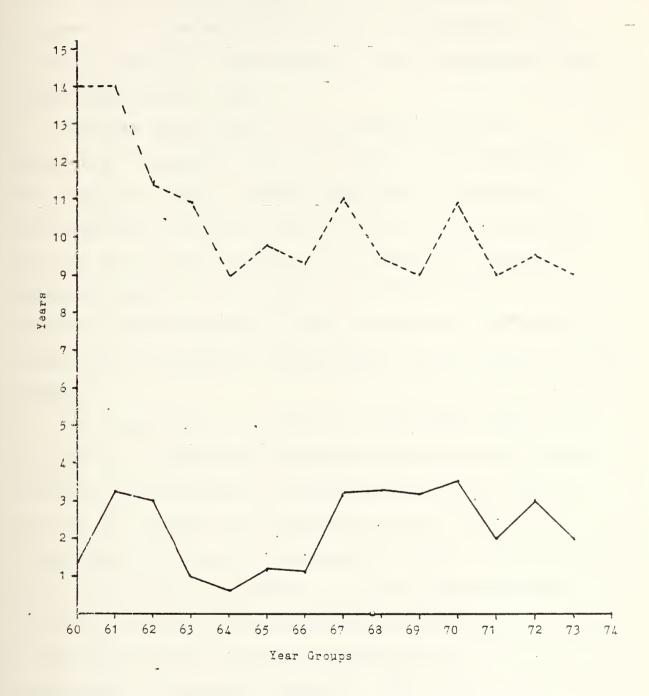


Figure 4.5 Mean Years from Naval Postgraduate School to First Utilization Tour (solid Line) and Mean Time in Service at that point (dotted line) XX81P/XX81Q/XX82P/XX82Q



tours at the promotion point to LCDR and CDR. Promotion dates were extracted from block 36 of the OMF data and related to the chronological history of assignments as found in block 81. The population sample encompassed year groups 1964 through 1970.

Analysis showed that at the promotion point to
Lieutenant Commander, only 5.9 percent of the population
had completed one utilization tour prior to promotion.
An additional 3.7 percent were in their first utilization
tour at the point of promotion to Lieutenant Commander.
The development path as cited in the Unrestricted Line
Officer Guidebook shows the first utilization tour after
promotion to Lieutenant Commander and the data supports that
trend.

As a comparison, the records of the XX82R (proven subspecialist by experience) subspecialty group were reviewed. As noted in the section on Subspecialty Selection Boards, one of the criteria for designation as an R code is two significant tours in the subspecialty. Using the same year groups constraints as before (i.e. year groups 1960-1974), analysis showed that 61 percent of the XX82R population had completed at least one tour in communications prior to promotion to Lieutenant Commander. The overall trend indicates that the communication tours were in the same time frame in which the P and Q coded officers were toured



at Naval Postgraduate School. The mean number of tours at promotion to Lieutenant Commander for this code was 1.04 tours.

Year groups 1960 through 1968 were the focus of analysis of utilization tours at promotion point to Commander. Prior to year group 1960, the chronological history was incomplete, being limited to the last seven permanent duty assignments in the OMF data. There were no promotions to Commander beyond year group 68 in the population. At this point in the analysis, it was necessary to review the P and Q coded officers separately. Among the Q coded officers 55 out of 62 (88.7 percent) had completed at least one utilization tour at the Commander promotion point. Additionally, 38.7 percent had completed two tours at time of promotion and 9.6 percent had three or more tours at the same point. The average number of tours at the promotion point to Commander for Q coded 1110 officers was calculated out to 1.54 tours. Again using the typical career path in the Guidebook as a comparison, the data supports the designed path. As Figure 2.1 shows (depending on career options at the 13 year mark in service), the Surface Warfare Officer is shown as being approximately halfway through a second subspecialty utilization tour (or 1.50 tours) at the promotion point to Commander.

Using P-coded 1110 officers (XX81/82) as a comparison, 56.5 percent had not stated or completed a utilization tour



at promotion to CDR. Forty-three point five percent had completed at least one tour and 26.1% had completed at least 2 tours. Further calculations show the mean number of tours at the promotion point to CDR as .826 tours (1.006 standard deviation). There is a significant difference particularly in the comparison of percentages for completing at least one tour (88.7% for Q codes as opposed to 43.5% for P codes). This will be investigated again in the section relating to trends in subspecialty selection.

Using XX82R coded 1110 officers as a comparison, 100% of these (17) officers had at least one tour completed, 65% (11 of 17) had at least two tours completed, and 63.6% had at least three tours completed at promotion point to CDR. The mean number of tours at this point for the R coded officers was 2.14 (standard deviation). This shows one additional tour from the promotion point at LCDR to the promotion point of CDR.

As stated in the earlier part of this chapter, there were limitations on the data base in that the assignment history was limited to the last seven permanent duty stations. Therefore an analysis of the total number of tours at the promotion point to CAPT could not be done with any accuracy. This group included year groups 52-61. A review could be done however, of the number of communications (utilization) tours from the promotion point to CDR to the



promotion point of CAPT. Year groups 54 through 61 were examined with the promotion points occurring in the time period 1968-1982. Of the 31 officer records examined, one CAPT (O-6) coded XX82P has yet to serve a utilization tour and is in fact the only officer of that rank not serving an associated tour with that code. All other officers coded XX82P are O-5 (CDR) and below. Taking the codes XX81P/XX81Q/XX82Q into account, the mean number of tours from promotion point of CDR to CAPT is 1.57 tours. As stated, all except one had at least one tour, and 19.3 percent had at least two tours from CDR to CAPT. This is consistent with career guidance available (URL Guidebook).

The XX82R code had the largest group of Captains (0-6) totaling 16. One of those officers had had only one utilization tour (as a LCDR) prior to promotion to CAPT.

The mean number of tours for this code was 1.87 tours.

Multiple tours were more evident with 62.5 percent of the officers completing at least two utilization tours between the promotion points of CDR and CAPT.

The Subspecialty Selection Board has been discussed earlier as to its duties, responsibilities, and criteria for selection and de-selection of subspecialists. Using NAVMILPERSCOM Notice 1401, the (ODC) records of those Commanders (0-5) designated proven subspecialists in



Communications Engineering and Communications Systems from the last board were segregated and reviewed. The rank of Commander (0-5) was selected because their records span 15-17 years of service therefore allowing certain career trends to be analyzed such as utilizations tours beyond the initial payback tour, executive officer (XO) afloat tours, command qualifications, and command at sea among others. Records were reviewed from the fourth year of service, as the first four years of Surface Warfare Officer careers are for the most part identical with the one milestone to be achieved of becoming Surface Warfare qualified. For comparison, another group of records was reviewed of Commanders who were reviewed by the Subspecialty Selection Board and not selected or de-selected as a proven subspecialist. The breakout of codes and the number of records reviewed are as follows:

	CODE	NUMBER OF OFFICERS
PROVEN SUBSPECIALISTS	5082Q	43
	5082R 5082F	$12 \ 4$
	5081Q	7
SUBSPECIALISTS	5082P	23
	5082G 5082S	20
	5081G	3
	5081P	6

Before analyzing the records for particular trends, the criteria of recency of tours and the required number of significant tours was applied to the data group. In the Communications Systems-Proven Subspecialists group



(XX82Q/XX82R/XX82F), four records did not meet the criteria. Three of those officers had not completed a communications tour within five years (recency of tour defined as within five years as established by NMPC 440). The fourth officer (5082R) had served in only one communications tour in his career instead of the required two tours (criteria for R code). It should be noted that this officer was serving his second command at sea tour at the time of the selection. In addition to the four records noted, two other records should be noted even though they met the abbreviated criteria. One officer (5082Q) left active service in August 1982, the same month that the SSB convened. His record showed one utilization tour in the last ten years, completed four years prior to designation as a proven subspecialist. The other officer (5082Q) left active service in October 1982. Both officers left the service prior to the 20 year retirement point.

Applying the same criteria to the Communications

Engineer-Proven Subspecialists (XX81Q), two of seven records

did not meet the requirement of recency of tours. One

officer had not completed a utilization tour within the

last five years while the other officer had only completed

one tour in his career, eight years prior to the board's

deliberations. One further note is that the latter officer



had just finished a command at sea tour on a DDG prior to the board which will be a factor reviewed later in this analysis.

Obviously, criteria such as relevancy of experience, technical/managerial expertise, and leadership potential can be determined only from performance records (i.e. fitness reports) which were not available for review.

Barring this, the records were analyzed to determine if any other trends were apparent that could or did lead to designation as a proven subspecialist. The population size of 66 proven subspecialists and the comparison group of 56 subspecialists was not large enough to show any commonality in career patterns with a tolerable sampling error past the fourth year of service. The attempted analysis in fact resulted in a listing of 122 individual and different career paths leading to the rank of Commander.

An analysis was shown earlier in this chapter concerning the increased utilization (mean number of tours) trends of Q and R coded officers at promotion point to CDR compared to P coded officers at the same promotion point. Since the actual promotion to CDR (O-5) can be more variable as to time in service than the promotion points of junior officers (LTJG, LT, and LCDR), calculations were done to show the mean time in service at promotion to CDR. Table V shows the results.



Mean Time in Service (TIS) at Promotion to CDR (0-5)

TABLE V

	CODE	MEAN TIS	STANDARD DEVIATION
PROVEN SUBSPECIALISTS	5082Q	14.924	.742
	5082R	15.159	.777
	5082F	14.937	.207
	5081Q	14.986	.505
SUBSPECIALISTS	5082P	15.039	.462
	5082G	15.184	.198
	5082S	15.102	.183
	5081G	14.944	.141
	5081P	15.026	.230

No significant figure stands out in Figure 4.8 to substantiate any different promotion rate among the codes listed as an indicator in the subspecialty selection process.

Certain milestones in a Surface Warfare officer's career are indicative of successful development such as executive officer (XO) afloat, completion of command qualifications, and ultimately command at sea. The records of the proven subspecialists and comparison group were reviewed as to the career milestones just noted. The executive officer afloat and command at sea tour was counted if the tour was completed or if the officer was serving that tour at the time of the board convening date. Completion of the command qualifications is recorded in block 72 of the Officer Data Card under Additional Qualification Designations. Table VI shows the tabulation of those milestones from the officer records reviewed.



TABLE VI

Tabulation of Surface Warfare Qualifications

NUMBER

	OF							
CODE	OFFICERS	XC	TOUR	<u>CC</u>	QUAL.	(CO TOU	<u>R</u>
5082Q 5082P 5082F 5082G 5082R 5081Q 5081Q 5081P 5081G	43 23 4 4 12 20 7 6 3	35 16 1 4 3 12 4 4 2	(81.4%) (69.6%) (25%) (100%) (25%) (60%) (57%) (66%)	14 3 3 4 4 2	(69.8%) (60.9%) 0 (75%) (25%) (20%) (57%) (33%) (33%)	9 3 4	(18.6) (39.1) 0 (75%) (33%) 0 (57%) 0	
PROVEN	SUBSPECIALIS 66		(65.1%)	37	(56%)	16	(24.2	%)
SUBSPEC	CIALISTS 56	38	(67.9%)	24	(42.9%)	12	(21.4	%)

As illustrated, no single trend is apparent from the analysis. The only difference that can be noted is in comparing 5082Q and 5082P. 5082Q experienced a higher percentage of executive officer tours yet 5082P shows a higher percentage in command at sea tours. Totaling up the qualifications as proven subspecialists and designated subspecialists at the bottom of Table VI, illustrates no appreciable difference in the qualification percentages which could be deduced to a factor in subspecialty selection.

Another factor to be considered is that subspecialists must maintain and further develop their expertise in their warfare designator (i.e. Surface Warfare), therefore periodic operational (sea) tours are a necessary part of



career development for the Surface Warfare officer. Tables VII and VIII show the results of calculations with regard to the data sample as to the mean number of operational sea tours completed prior to the convening date of the Subspecialty Selection Board. For ease in identification, asterisks denote proven subspecialist codes. Operational tours were counted starting with the fourth year of service for reasons cited earlier and ended with the convening date of the board. As those dates could come in the middle of a tour in progress, a tour completion factor of 12 months was used. In other words, if the officer had been in the tour 12 months, it was counted as a completed operational tour for this analysis.

TABLE VII

Mean number of Operational Tours Prior to Subspecialty Selection Board

CODES	OPERATIONAL/SEA TOURS	STANDARD DEVIATION
	- 4-	20.5
XX82P	3.43	.825
XX82Q*	3.29	.842
XX82S	2.55	.865
XX82R*	2.6	.80
XX82G	3.75	.433
XX82F*	3.0	.707
XX81P	2.5	.764
XX81Q*	2.86	.639
XX81G	3.0	.816

Table VII shows that the Communication Systems (1110) subspecialists with graduate degrees (XX82P/XX82Q) meeting

Navy standards and those with graduate grees below Navy

standards (XX82F/XX82F) had more operational sea experience



than subspecialists with significant communications experience (XX82S/XX82R). There were no officers in the Communications Engineering Subspecialty coded for significant experience (R and S code) to be used as a comparison but notably the officers coded XX81P had less operational sea time than XX81Q and XX81G.

TABLE VIII

Mean Number of Operational Tours Consolidated as to Communications Engineering and Communications Systems Subspecialty Codes (Proven and Designated)

CODES	OPERATIONAL/SEA TOURS	STANDARD DEVIATION
XX82P/S/G	3.085	.941
XX82Q/R/F *	3.155	.867
XX81Q *	2.857	.6388
XX81P/G	2.666	.816

The figure above consolidated the data into four groups for comparison: Designated Communications Systems Subspecialists (XX82P/S/G), Proven Communications Systems Subspecialists (XX82Q/R/F), Designated Communications Engineering Subspecialists (XX81P/G), and Proven Communications Engineering Subspecialists (XX81P/G), Very little difference can be seen between the categories of proven versus designated within the particular subspecialities. Communications Systems subspecialists in general had slightly more operational sea experience than the Communications Engineering Subspecialists.



One final factor was reviewed with relation to trends and the subspecialty selection process. The location of officers at the time of the Subspecialty Selection Board is shown below in Table IX. As before, asterisks denote proven subspecialist codes. Three categories of location were established for this review: Utilizations tour, operational (sea) tour, and non-utilization tour. The utilization category was further broken down to Washington utilization tour, shore (other) utilization, and sea utilization tour. In the Communication Systems subspecialty group the proven subspecialties (XX82Q/R/F) had a higher overall percentage of officers serving utilization tours at board convening date. The percentage serving operational (sea) tours was also significantly higher. Of note is the fact that of those 19 officers serving operational tours, five were in command at sea billets and eight in executive officer afloat billets. Of the designated subspecialty codes (XX82P/S/G) in Communication systems, 4 of the 6 officers were serving in executive officer afloat tours. Another significant factor to note is that 40.4% of this group were serving in non-utilization tours during the board's deliberations. Clearly, one advantage to being selected as a proven subspecialist was to be serving either in a utilization tour or in an operational tour completing one of the Surface Warfare career milestones discussed earlier.



TABLE IX

Location of Officers at Convening Date of Subspecialty

	Selecti	Selection Board (actual number in parenthesis)	tual number in pare	in paren	Selection Board (actual number in parenthesis)	<u>م</u>
	Number of		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Non-
Codes	Officers	Washington	Shore	Sea	Operational	Utilization
XX82P/S/G	47	(7) 14.9%	(14)29.8%	(1)2.1%	(6)12.8%	(19)40.4%
XX82Q/R/F *	* 57	(12) 21.1%	(14)24.6%	(2)8.8%	(19)33.3%	(7)12.2%
XX81Q*	7	(1) 14.3%	(2)28.6%	0	(3)42.8%	(1)14.3%
XX81 P/G	6	(1) 11.1%	(4)44.4%	0	(3)33.3%	(1)11.1%



The size of the Communications Engineering subspecialty group was not large enough to draw any concrete conclusions without a significant error factor. The numbers shown in Table IX show little difference as to location trends for analysis.

In summary, while there was no single factor noted as the key to selection as a proven subspecialist, there appears to be advantages as to:

- -serving in either an operational or utilization tour at the time the Subspecialty Selection Board convenes
- -serving in utilization tours on shore rotation
- -maintaining Surface Warfare expertise particularly with regard to qualifying and serving as commanding officers afloat.

It must be concluded that in the absence of any analytical trends in the data, actual performance (i.e. fitness
reports) in the job as reviewed by the Subspecialty Selection Board carries considerable weight in the selection and
de-selection process as has been stated by the primary
sponsor (OP-094).

F. TRENDS RELATING TO XX82S CODED SURFACE WARFARE OFFICERS

At the time the OMF data was made available, there were only two officers (both O-3/LT) coded XX81S. Both had just completed the communications tour which resulted in S code designation, therefore no trends could be observed this early in their careers. The recency of tour criteria was applied to the XX82S codes in the ranks of CDR (O-5) and



LCDR (0-4). In the rank of CDR, 15 of 22 officers (68.2%) had completed a communications tour within five years. In the rank of LCDR, 25 of 41 officers (61 percent) had completed a communications tour within five years. important point can be made with regard to those officer records not meeting the recency criteria. The majority of these officers had not completed a communications tour for up to ten years. The criteria for assignment of an S code is one significant tour in the subspecialty. For Surface Warfare officers, this is easily achieved in the first division officer tour as a communications officer afloat. No other significant trends were evident in the XX82S subspecialty group. The author's conclusion is simply that the criteria for assignment of this code should be completion of a significant communications tour within the last five years prior to the Subspecialty Selection Board convening. Any officer not meeting the recency of tour criteria should be considered for de-selection.

G. ASPECTS OF THE COMMUNICATIONS OFFICER BILLET STRUCTURE
A copy of the communications officer billet summary

(dated 30 November 1982) is included as Appendix B. A

similar billet summary which included the names, designators,
and codes of the officers filling those billets was utilized
to take a "snapshot" so to speak, of the P, Q, and R coded

billets from the rank of LCDR (O-4) through CAPT (O-6).



Figures 4.7 through 4.12 show the results of that review. Each code is illustrated by a three column display. The first column shows the total number of billets listed for that particular code. The second column shows how those billets are currently filled as to qualifications and how many billets are vacant (not filled). The number of officers currently holding that particular code is illustrated by the third column. The coding to interpret the second column is as follows:

A--billet(s) currently vacant

- B--billet(s) filled by XX82 officers (various suffix codes)
- C--billet(s) filled by XX81 officers (various suffix codes)
- D--billet(s) filled by officer(s) with no communications subspecialty code
- E--billet(s) filled by Limited Duty Officer(s)

In reviewing the billet structure and Figures 4.7 through 4.12, attention is drawn to the number of vacant billets and more importantly the number of billets filled by line officers with no indicated communications experience. Among the Communications Engineering (XX81P/Q) billets, 11 out of 47 (23.4%) billets are filled by "non-communicators." Among the Communications Systems (XX82P/Q/R) billets, 26.5 percent are filled by non-communicators with the greatest impact in the rank of LCDR (Figure 4.10) coded XX82Q and XX82R. As shown in that figure, 22 out of 44 (50%) billets coded XX82Q and XX82R were filled by officers with no communications



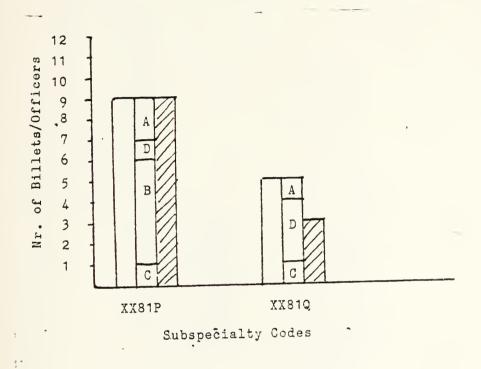


Figure 4.7 Number of LCDR billets XX81P/XX81Q compared to how the billets are currently filled compared to the number of Surface Warfare (LCDR) officers holding the same code



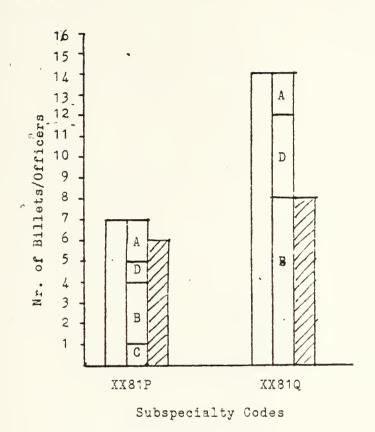


Figure 4.8 Number of CDR billets XX81P/XX81Q compared to how the billets are currently filled compared to the number of Surface Warfare officers (CDR) holding the same code



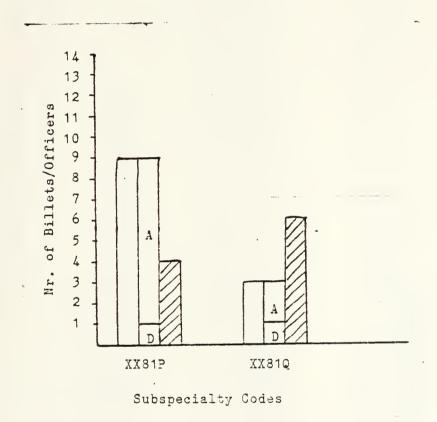


Figure 4.9 Number of CAPT billets XX81P/XX81Q compared to how the billets are currently filled compared to number of Surface Warfare (CAPT) officers holding the same code



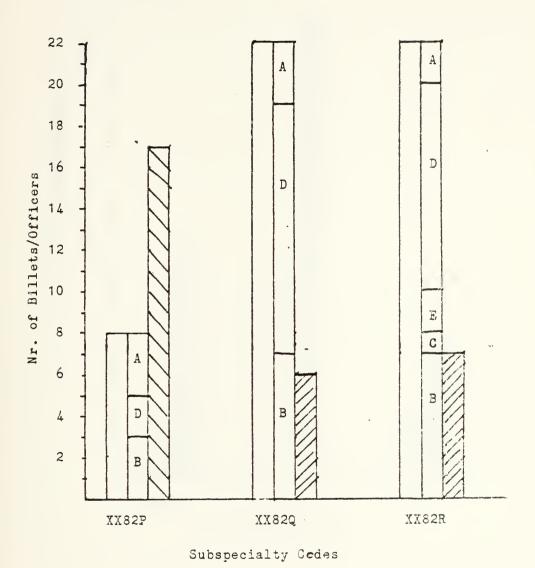


Figure 4.10 Number of LCDR billets XX82P/XX82Q/XX82R compared to how the billets are currently filled compared to number of Surface Warfare (LCDR) officers holding the same code



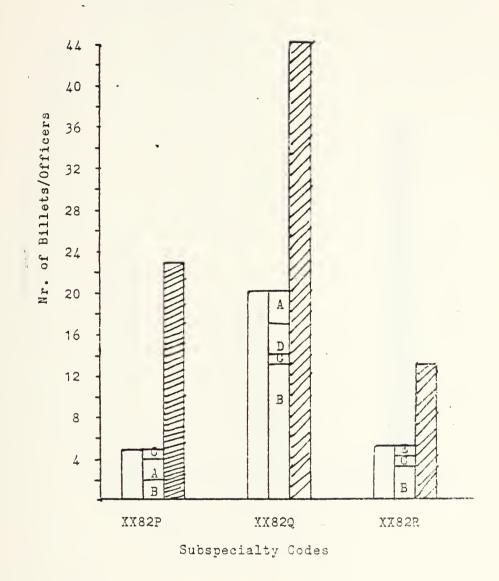
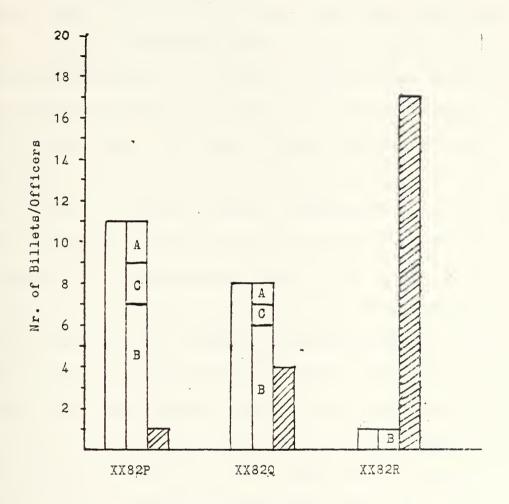


Figure 4.11 Number of CDR billets XX82P/XX82Q/XX82R compared to how the billets are currently filled compared to number of Surface Warfare (CDR) officers holding the same code





Subspecialty Codes

Figure 4.12 Number of CAPT billets XX82P/XX82Q/XX82R compared to how the billets are currently filled compared to number of Surface Warfare (CAPT) officers holding the same code.



experience indicated. Obviously the assets (numbers) of Surface Warfare Lieutenant Commanders designated with that code fall short of the requirements but the fact still remains that billets with criteria justifying the requirements for proven subspecialists (Q and R codes) were filled by non-communicators. It should be noted that four officers coded XX82Q and XX82R were serving in non-utilization tours at this same time. Two other Surface Warfare officers coded XX82P were also in non-utilization tours. As the study related to Surface Warfare subspecialists only, the impact of general Unrestricted Line Officers (1100) with a communications subspecialty code is not known.

Table X is a matrix designed to show where Surface
Warfare officers with a communications subspecialty suffix
codes of P, Q, and R were serving at the time of the billet
review. The first column lists the rank and specific codes.
The second column cites the number of billets specifying
that code while the third column specifies the number of
Surface Warfare officers holding that same code. The
remaining six columns show the location of those efficers
(column 3) at the time the billet summary was reviewed:
same code (i.e. a LCDR XX81P serving in a LCDR XX81P
billet), communications utilization tour-ashore, communications utilization tour-sea, operational/sea tour, nonutilization tour, and service school (i.e. War College,
Armed Forces Staff College, etc.). The non-utilization



TABLE X

Location of Surface Warfare Subspecialty Coded Officers with Relation to Listed Billets with Same Code.

			Loca	Location of Coded Officers	Officers in Re	in Relation to Listed Billets	Listed	Billets
Rank/Code	Nr. of Billets	Nr. of Officers	Same Code	Comm. Util. Shore	Comm.Util. Sea	Ops/Sea	Non Util.	Svc. School
LCDR/XX81P	6	6		т		K	7	c
XX81Q	5	3	0	_	0	2	C	
CDR/XX81P	7	9	1	3	0			
XX81Q	14	8	0	3	0	,	-	
CAPT/XX81P	6	7	0	1	0	7 0	- %	
XX81Q	3	9	0	5	0	1	0	
LCDR/XX82P	8	17	-	6		7	2	
XX82Q	22	9	0	2	1	2	-	
XX82R	22		1	-	-	-	3	0
CDR/XX82P	5	23	7-	12.	0	. 2	00	0
XX82Q	2.0	44	9	14	cr.	13	~7	7
XX82R	5	13	1	2	0	**		- ()
CAPT/XX82P	11		9	0	0	Ü		0
XX82Q	<u>&</u>	7	2		0	0	1	0
XX82R	_	17	0	14	0	2	-	
	county of the last of the		1					,



column is important in that it shows 30 out of the 168 Surface Warfare officers listed as serving in non-utilization tours. Of those 30 officers, 14 were proven subspecialists. The types of non-utilization tours included such tours as human resources management positions, public affairs officer, and personnel officer at a non-communications type command. These billets are important but they are billets that could be filled by general line officers. The types of tours involved do not have requirements for proven subspecialists or special experience other than that normally possessed by an officer with management The "needs of the Navy" become evident when experience. looking at the number of billets requiring a certain expertise and filled by non-communicators in relation to the officers in non-utilization tours with communication experience and expertise that is not being used.



V. CONCLUSIONS AND RECOMMENDATIONS

In Chapter II, it was noted that the officer billet summary did not list any code higher than P codes. This summary is the only guidance that a Surface Warfare Officer at sea has wherewith to plan his career beyond the first utilization tour or to base his discussions with the detailer concerning future shore rotation plans. The recommendation is to change the format of this publication to include listing of proven subspecialist billets in the ranks of Lieutenant Commander through Captain.

The career fact sheets for both Communications Systems
Technology and Communications Engineering also have deficiencies, foremost of which is that no periodic review
is provided to maintain currency of the information presented. Recommendations for changes to the career fact
sheets include:

- --Required annual review and update of the career fact sheets.
- --Career fact sheets should be sent to all communications subspecialists.
- -- The following information should be added:
 - (1) Promotion trends for communicators
 - (2) Criteria for selection as proven subspecialists and downgrading from the sponsor and consultant viewpoint.



- (3) Current points of contact for all primary and secondary consultants.
- (4) Upcoming or proposed changes to the communications billet structure.

Surface Warfare Officers have information available relating to their warfare area. They know what "tickets must
be punched" for promotion, etc. and plan their careers
accordingly. The perception is that officers need to know
what "tickets should be punched" in their subspecialty
career as well.

With regard to the downgrading of officer subspecialists, the function of the Subspecialty Selection Board should be officially identified in writing if it is to be a permanent responsibility of the board and the criteria developed and promulgated as it relates to the different suffix codes. It also should be amplified by way of the applicable instructions in addition to its inclusion in the letter of instructions to the board.

Within the subspecialty management system, it was noted that utilization studies are done on request only. Effective management of assets cannot be achieved if the utilization of those assets is not known on a regular basis. The recommendation is that each primary consultant be tasked to continually monitor and document the utilization of those subspecialties under his management control. Formal reports of this documentation could be required to be



forwarded to the primary sponsor of the applicable functional field (i.e. OP-094) for consolidation into an annual report.

The current role of OP-094 in the waiver request process is not necessary. The mechanics and staffing for the handling of these waivers by NMPC-440 is well established. The primary sponsor only needs to provide NMPC-440 with guidance criteria concerning non-utilization tours and let NMPC-440 be the enforcement instrument as set up via the instructions. A checkpoint could be established by placing the appropriate sponsors on the distribution list for the regular reports on officers proposed for non-utilization tours.

The author's research in preparing this thesis also revealed that the selection process of board members for the last Command and Control Subspecialty Selection Board was instituted by a departure from the established procedures. It is recommended that the established procedures be followed to assure junior officers that changes in the primary sponsor will not result in massive changes in subspecialty selection. How can a junior officer select a career plan knowing that the trend of each selection board could change with each new primary sponsor?

The data analysis tends to support, generally, the trends identified in the Unrestricted Line Officers

Guidebook. Attrition data was not available during the



period of this research but future analysis for thesis work or in utilization studies within the management system should include this data. Trends such as active service following graduate education, number of tours prior to attrition, and rank at that time could serve to point out problem areas with regard to subspecialty management and utilization. The analysis of the billet structure also pointed to shortages (vacancies and billets filled by non-communications personnel) in personnel to fill communications billets. As earlier chapters discussed, the Department of Defense as late as 1982, has reported a deficiency within the Navy communications billet structure. The current study being prepared by the Officer Professional Development Section (OP-132E4) relating to assigning officers ashore to fill billet requirements (in lieu of at sea assignments) could have some application in the future if the situation does not change.



APPENDIX A

CAREER FACT SHEETS

Subspecialty: Communications Engineering

Code: XX81

Applicable Designators: 11XX/13XX/14XX/161X

<u>Description</u>: This technical subspecialty identifies those officers capable of performing engineering advisor responsibilities related to the development, acquisition, installation, maintenance and/or evaluation of communications equipment and systems.

Representative Billets:

Captains:

- -Navy Satellite Communications Program Coordinator (941E, OPNAV)
- -Director, Telecommunications Division (ELEX 510), NAVELEX
- -Staff Communications Officer, Defense Communications Engineering Center, Reston, Virginia
- -Executive Officer, Joint Tactical Communications (TRI-TAC) Office, Fort Monmouth, N.J.

Commanders:

- -Billets at the Defense Communications Agency Headquarters, Arlington, Virginia and the Defense Communications Engineering Center.
- -Assistant for Automation Communications Programs, (OP-941H4) OPNAV
- -Curricular Officer, Electronics and Communications Program, Naval Postgraduate School
- -Chief, Systems Review and Assemblage Branch, TRITAC Office



Lieutenant Commanders:

- -Electronic Equipment Research Officer, DCA, WWMCCS System Engineering Organization.
- -Head Mobile Systems Branch, COMNAVSECGRU HQ
- -Electronics Engineer, Access Branch, Equipment Division, TRITAC Office.

Billet Geographic Distribution: Various shore activities including Washington, D.C. and surrounding area, Fort Meade, Md., Norfolk, Virginia, San Diego, CA. Fort Monmouth, NJ.

Sources: Experience can be obtained by serving in billets similar to those listed above. Masters level education is provided by the Naval Postgraduate School (Curriculum #600).

Curriculum Criteria: Communications Engineering (XX81)

- 1. Masters-level facility in probability and statistics, electronics devices and circuits, signal processing and communications theory, digital processes, antenna principles, and engineering characteristics of representatives telecommunication systems.
- 2. Be able to perform as a technical advisor on development acquisition, installation, and/or evaluation of technical capabilities and adequacies of communications equipment and systems.
- 3. Possess and apply engineering knowledge of communications and command and control techniques, data processing, probabilistic and random processes, and system analysis and performance in projects involving the design, specification or evaluation of telecommunications systems.
- 4. Be able to act as liaison with and/or act as advisor to scientists, technicians, and engineers in the formulation of laboratory and R and D projects.
- 5. Be able to analyze radio frequency resources and provide radio wave propagation predictions.
- 6. Perform duty as Department or Division Head of a functional component which is concerned with development, acquisition, installation and/or evaluation of Communications-Electronic equipment and systems.

Points of contact: NMPC-462 at autovon 225-5778/79 or commercial (202)695-5778/79: OP-941B2, autovon 225-7284 or commercial (202)695-7284/5/6.



Subspecialty: Communications Systems Technology

Code: XX82

Applicable Designators: 11XX/13XX/161X

Description: Key billets have been identified within various telecommunications activities that require officers competent in conceiving, developing, implementing and/or managing complex components of the Telecommunications Systems of the Department of Defense. This subspecialty identifies those Naval Officers who are prepared, either by education or experience, to meet those requirements and effectively manage the people assigned to assist in these efforts.

Representative Billets:

Captains:

- -Commanding Officers of Naval Communications Area Master Stations (NAVCAMS)
- -Division Directors at COMNAVTELCOM Headquarters
- -Branch Heads, Naval Communications Division, OPNAV

Commanders:

- -Commanding Officer, Naval Communication units
- -Executive Officer, NAVCAMS or Naval Communications Stations
- -Staff Officers: DCA, OPNAV, COMNAVTELCOM and Fleet CINC's
- -Afloat Billets: Large Staffs including COMPHIBGRU 2 and numbered fleet commanders.

Lieutenant Commanders:

- -Communications Officers at NAVCAMS and COMMSTA's; Afloat on CV's, LCC's and CRUDESGRU's.
- -Billets at DCA; COMNAVTELCOM and OPNAV
- -Type Commander Staffs Communications Billets



Lieutenants:

- -Message Center Officers, NAVCAMS
- -Various Afloat Communications Billets-ships and staffs

Billet Geographic Distribution: Afloat: Worldwide; Ashore: possible assignments include Norfolk, Washington, Naples, Honolulu, Guam, and Japan.

Sources: Experience tours can be gained afloat and at various Navy and DOD Communications Activities Worldwide. Functional level training is available through the Telecommunications Staff Officer Course conducted at Keesler AFB. Master's level requirements are met through successful completion of the Telecommunications Systems curriculum (#620) at the Naval Postgraduate School.

Curriculum Criteria:

- 1. Knowledge of telecommunications management principles including the ability to make best use of available personnel, facilities, equipment, and funds.
- 2. Understand and be able to develop policy pertaining to the operations and readiness of telecommunications.
- 3. Possess the ability to plan and develop priorities in order to fulfill validated telecommunications requirements.
- 4. Set realistic mid and long range goals for the improvement of telecommunications system components.
- 5. Advise seniors concerning the capabilities of existing new, and proposed communications systems and equipment.
- 6. Develop, review, and validate telecommunications requirements based upon command and control, administrative, logistical and operational requirements.
- 7. Understand and apply the principles of the planning, programming and budgeting system.
- 8. Direct and manage operational communications facilities and systems.
- 9. Possess and demonstrate an understanding of how information systems technology contributes to solving telecommunications problems.



- 10. Apply communications theory and technology to the study and analysis of communications systems including satellite communications.
- 11. Possess a working knowledge of leadership and human behavior techniques.
- 12. Possess broad knowledge of one or more of the following:
 - a. Tactical Communications
 - b. Strategic Communications
 - c. Communications Security
 - d. Joint and/or DOD Communications
 - e. Frequency Management
 - f. Electromagnetic Compatibility
 - g. Spread Spectrum Communications

Point of contact: NMPC-462 at AUTOVON 225-5778/79 or commercial (202) 695-5778/79; OP-94B2, AUTOVON 225-7284 or commercial (202) 695-7284/5/6.



APPENDIX B

March 1982

EDUCATIONAL SKILL REQUIREMENTS

COMMUNICATIONS ENGINEERS - XX81P/Q MASTERS LEVEL

- (1) The C/E is required to perform as technical advisor on development, acquisition, installation, maintenance and/or evaluation of technical capabilities and adequacies of communication equipment and systems. The incumbent must be able to effectively apply engineering knowledge of communication and command and control techniques, data processing, probabilistic and random processes, and systems analysis and performance in projects involving the design, specification or evaluation of telecommunication systems.
- (2) The C/E is required to have master-level facility in probability and statistics, electronic devices and circuits, signal processing and communications theory, digital processes, antenna principles and the engineering characteristics of representative telecommunication systems.
- (3) The C/E is required to be capable of handling the operation and maintenance of technical C-E equipment and systems and supervise or actually conduct on-site evaluation of equipment maintenance and/or installation, developing standards and criteria therefor. The billet requires the incumbent to coordinate planning processes in establishing telecommunications systems; review management engineering plans for technical completeness and equipment compatibility.
- (4) The C/E is required to be a Department or Division Head of a functional component which is concerned with development, acquisition, installation and/or evaluation of C-E equipment and systems.
- (5) The C/E must be able to function as Program Coordinator for Defense Satellite Communications Systems (DSCS) Fleet Satellite Communications.
- (6) The C/E must be able to act as liaison with/advisor to scientists, engineers, technicians in formulation of laboratory programs and recommend specific R&D projects to



ensure availability of equipment to meet future requirements. The liaison required is with other services, agencies and industrial activities at the masters degree level.

- (7) The C/E is required to analyze radio frequency resources and provide radio wave propagation predictions.
- (8) The C/E is required to teach college/graduate level courses in communications engineering.
- (9) The C/E must be able to prepare detailed briefings, project plans and project reports on C-E subjects.



EDUCATIONAL SKILL REQUIREMENTS TELECOMMUNICATIONS SYSTEMS TECHNOLOGISTS XX82P/Q MASTERS LEVEL

The officer subspecialist is required to have the capability to conceive, develop and implement new operational concepts, doctrines, and procedures. He will be required to coordinate telecommunications matters at the senior staff levels in the Department of Defense, and/or Allied Forces.

The officer subspecialist is required to manage telecommunications resources and develop policy pertaining to operations and readiness of telecommunications.

The officer is required to develop priority lists and planning schedules for fulfillment of validated telecommunications requirements, and monitor progress of approved plans to ensure conformance thereto, and satisfaction or stated requirements.

The telecommunications manager must be capable of being a Communication of a communications activity or a department/division head of a functional component primarily concerned with telecommunications, plans policies directives and/or operations.

The telecommunications manager is required to function as an advisor on Telecommunications Systems capabilities and assist in developing telecommunications requirements based upon command and control, administrative, logistical and operational requirements.

The telecommunications manager must be able to conceive, monitor, review and coordinate studies of implications of telecommunications plans and policies, and of requirements for future mid-range/long-range periods.

The subspecialist is required to review and validate formal telecommunications requirements; that he develop planning schedules for fulfillment of such requirements, or is responsible for ensuring conformance with approved plans designed to satisfy validated requirements.

The subspecialist is required to monitor the readiness posture of telecommunications including such resources as manpower, facilities, equipments, systems, budget and training.



The subspecialist must be qualified to be the senior naval communicator on the staff of a unified, joint or allied command.

The subspecialist must be capable of being a department/division head of a functional component which reviews, appraises programs and budgets intended to satisfy Navy telecommunications requirements.

The telecommunications specialist must be able to coordinate and review telecommunications plans issued by subordinate activities.

The subspecialist is required to have a broad understanding of the Department of Defense Planning, Programming and Budgeting System and the relationships of the Naval Telecommunications System to the Director, Navy Program Planning, Comptroller of the Navy, Office of the Secretary of Defense, Defense Communications Agency, and other organizations concerning programming, budgeting and fiscal management of centrally managed communications programs.



APPENDIX C

COMMUNICATIONS BILLETS LISTING

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APPENDIX D

LETTER OF INSTRUCTION TO

SUBSPECIALTY SELECTION BOARD

NMPC-440/SS:tls Ser 454

From: Commander, Naval Military Personnel Command

Subj: Letter of Instruction for Command and Control Subspecialty Selection Board

Ref: (a) OPNAVINST 1000.16E

1. A subspecialty selection board is hereby established in the Naval Military Personnel Command and is ordered to convene on 23 August 1982. The board will consist of yourself as Senior Member and the following officers as members:

2. (Recorders and Technical Advisors)

- 3. The board will convene at the Federal Office Building #2, Arlington Annex at 0900 on 23 August 1982 or as soon thereafter as practical.
- 4. The Commander, Naval Military Personnel Command will furnish the board with the names and records of officers to be



Subj: Letter of Instruction for Command and Control Subspecialty Selection Board

considered. Utilizing this list of officers, the board shall perform the following functions:

- The board will identify and recommend officers of the unrestricted line in the ranks of lieutenant commander. commander, and captain for designation as subspecialists in the Command and Control education/skill areas in accordance with the provisions of reference (a). The records of officers so recommended must substantiate recent and relevant experience in these areas and all aspects of these areas should be considered. For officers who are presently identified as graduate-educated subspecialists in the field of Command and Control the board should recommend deletion of the functional field identification (1st and 2nd digits) if their experience is not significant. For those officers who are subspecialists through experience (S-code), but whose experience is determined to be neither recent nor relevant, the board should recommend removal of the S-code. However, education subspecialty codes (3rd and 4th digits) will be maintained to permit accurate tracking of graduate education.
- b. From among those officers identified in accordance with paragraph 4a, the board will further select those officers whose overall performance and background, leadership potential and superior performance in the Command and Control education/skill areas warrants designation as proven subspecialists. In this manner, the board will have identified those officers who are capable to fulfilling the most demanding subspecialist billets.
- c. Two categories of officers will be under consideration for designation as proven subspecialists:
- (1) Graduate education—must have conducted studies in a Navy approved curriculum that has substantial relevance and content in the field of the subspecialty; must have served at least one significant tour, or equivalent thereof, in the education/skill area.
- (2) Experience only--should have served, as a minimum, two significant tours, or the equivalent thereof, in the field of the subspecialty.



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- 5. It is important to understand that, for the URL officer, development in a subspecialty is not a generally available alternative to operational development. There will be, however, some URL officers who will pursue development in their subspecialty exclusively after gaining a degree of operational expertise at less than the command level in their warfare specialty. Those officers from this category chosen for designation as proven subspecialists will be the exception to the rule. They must have clearly superior performance records overall and have qualifications which are needed in repetitive shore tours.
- 6. There exists within the Navy a misconception that assignment to a training command billet is detrimental to normal career progression. It is therefore necessary to ensure that selection boards are not guided by this misconception. Consequently, in determining an officer's fitness for selection, boards shall give weight to duty performed at a training command equal to that given to other duty equally well performed.
- 7. Equality of treatment and opportunity has long been the official policy of the Department of the Navy. The policy of equal opportunity in the naval service applies without regard to race, creed, sex, or national origin. In your deliberations, the board will apply this policy.
- 8. During the course of your deliberations, you will encounter records which indicate clearly substandard performance or obesity/overweight. In this respect, a mark in the officer's fitness report of "G," "H," or "I" in goal setting and achievement or in the "BOTTOM/LOW" of item 51 is considered to meet the substandard criteria. Indication of obesity/overweight can be obtained from comments (item 88), military bearing (item 72), or contribution to command mission (item 51). A list of those officers identified as obese/overweight will be referred to the Commander, Naval Military Personnel Command for review and action deemed appropriate.
- 9. SECNAVINST 5300.20 delineates the Department of the Navy's policies in regard to alcoholism and alcohol abuse. The purpose of this paragraph is to reiterate those



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policies as they apply to the selection process. Selection opportunity will not be denied solely on the basis of prior alcoholism or alcohol abuse, provided that the individual has participated in a successful treatment and recovery. However, any misconduct or reduction in performance resulting from alcoholism or alcohol abuse must necessarily be considered in determining fitness for selection. The Department of the Navy's policies related to standards of behavior and performance must be firmly maintained and affirmed. These standards, however, will be applied to the individual's demonstrated conduct rather than to the use or abuse of alcohol.

- 10. Upon completion, a board report shall be submitted to the Commander, Naval Military Personnel Command and will include a list of those proven Command and Control subspecialists and comments or recommendations concerning the board.
- 11. All personnel associated with the board are advised that the membership will not be divulged except on a need to know basis until after the board convenes.
- 12. This appointment is in addition to your present duties.



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